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FINAL FIELD DATA REPORT

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I. WATER RESOURCES

BOD and Coliforms

1975

TO: John Lane

FROM: Doug Bowman

MONTHLY COLIFORM DATA

SUN PHILLIPS PROJECT
Tracts Ua & Ub

ALL VALUES PER 100 ML.

Date	Station	Total	Fecal	Fecal Strep	FC/FS Ratio
Jan 24-24	S-1	64	50	34	1.5
	S-3	64	50	17	2.9
	S-4	26	34	17	2.0
	S-11	40	23	23	1.0
Feb 13-14	S-1	114	20	17	1.2
	S-2	0	0	1	---
	S-3	175	16	32	0.5
	S-4	104	22	20	0.1
	S-6	0	0	25	0.05±
	S-11	134	21	37	0.6
March 12-13	S-1	320	65	144	0.4
	S-2	0	0	16	0.06
	S-3	180	26	163	0.2
	S-4	250	30	180	0.2
	S-6	0	0	20	0.05±
	S-7	0	14	112	0.1
	S-11	240	49	142	0.3
April 15-16	S-1	24	4	11	0.4
	S-2	48	31	37	0.8
	S-3	12	7	8	0.9
	S-4	40	4	10	0.4
	S-6	0	6	21	0.3
	S-7	20	48	82	0.6
	S-11	80	2	4	0.5
May 13-14	S-1	280.	120.	22.*	5.4*
	S-2	12.	9.	19.	0.5
	S-3	380.	220.	203.	1.1
	S-4	530.	230.	233.	1.0
	S-6	0	0	32	---
	S-7	9	6	24	0.2
	S-11	440.	250	253	1.0

*Questionable values due to heavy silt in sample

1975

Date	Station	Total	Fecal	Fecal Strep	FC/FS Ratio
June 23-24	S-1	170.	12.	172.	0.1
	S-2	1070.	4.	305.	0.01
	S-3	140.	16.	120.	0.1
	S-4	100.	66.	110.	0.6
	S-6	1250.	1	173.	0.01
	S-7	600.	18.	326.	0.03
	S-11	120.	24.	144.	0.2
July 13-14	S-1	230.	80.	360.	0.2
	S-2	1400.	6620.	3680.	1.8
	S-3	230.	96.	270.	0.4
	S-4	320.	124.	300.	0.4
	S-6	1720.	1850.	1580.	1.2
	S-7	1360.	1900.	2880.	0.7
	S-11	380.	316.	680.	0.5
Aug 11-12	S-1	58.	81.	25.*	3.2*
	S-2	1185.	1440.	2580.	0.6
	S-3	60.	102.	163.	0.6
	S-4	0	68.	77.	0.9
	S-6	950.	1620.	2630.	0.6
	S-7	865.	670.	1370.	0.5
	S-11	0	35.	59.	0.6
Sept 8-9	S-1	0	0	4.	---
	S-2	0	2.	149.	.01
	S-3	0	0	10.	---
	S-4	0	3.	17.	0.2
	S-6	0	2.	44.	.05
	S-11	0	6.	22.	0.3

*Questionable values due to heavy silt in sample

cc: John Hinton — P.O. Box 1139
Walt Holmes, USGS, Vernal
Dan Finn, USGS, Salt Lake City
125 So. State St. Rm. 8002
Salt Lake City, Utah 84103

MONTHLY COLIFORM - BOD DATA
Ua & Ub

TO: John Lane

FROM: Doug Bowman mailed + received 1/26/76 JOB: 1517-11

Coliforms

All Counts 100 ml

	Station	Total	Fecal	Fecal Strep	FC/FS Ratio
1975					
Nov 17-18	S-1	4	3	17	0.2
	S-2	0	2	125	0.02
	S-3	4	1	23	0.04
	S-4	3	2	23	0.09
	S-6	0	1	166	0.01
	S-7	3	1	60	0.02
1975	S-11	0	0	6	
Dec 9-10	S-1	11	20	2	----
	S-2	2	16	1	----
	S-3	5	23	0	----
	S-4	4	14	18	0.8
	S-6	1	36	0	----
	S-7	2	5	0	5.0
1976	S-11	7	16	3	5.3
Jan 12-13	S-2	0	0	2	----
	S-3	9	9	10	0.9
	S-6	0	0	13	----
	S-11	16	8	12	0.7

VTN COLORADO, INC.
1315 West Highway 40
Vernal, Utah 84078

TO: Hayden Phillips DATE: January 20, 1976

FROM: John Luyendyk

SUBJECT: January Coliforms and BOD Results

STATION	1/13/76 TOTAL 300 ML	1/13/76 FECAL 100 ML	1/13/76 FECAL 300 ML	1/13/76 FECAL STREP 100 ML	1/13/76 FECAL STREP 150 ML
XS-1X					
S-3	27	9	20	10	14
XS-2X					
S-11	47	8	6	12	16

STATION	1/13/76 TOTAL 300 ML	1/13/76 FECAL 100 ML	1/13/76 FECAL 300 ML	1/13/76 FECAL STREP 50 ML	1/13/76 FECAL STREP 150 ML
S-2	0	0	0	0	6
S-6	0	0	1	14	35
XS-7X					

Results of 5-Day Biological Oxygen Demand Test

	1/12 1st day		1/16 5th day
XS-1X		--	
S-3	11.2	--	10.5
XS-2X		--	
S-11	10.8	--	10.5
S-2	6.8	--	6.0
S-6	8.1	--	7.6
XS-7X		--	

24 Hour D. O. Sampling

	Station	Date	Time	D.O. Reading
1200	S-3	9-9-76	1145	7.0
	S-2	9-9-76	1200	6.4
1800	S-3	9-9-76	1745	7.2
	S-2	9-9-76	1800	6.4
2400	S-3	9-9-76	2345	5.7
	S-2	9-9-76	2400	5.4
0600	S-3	9-10-76	0545	5.8
	S-2	9-10-76	0600	5.8
1200	S-3	9-10-76	1200	6.3
	S-2	9-10-76	1145	6.3

Dissolved Oxygen Program

Station	Date	Time	D. O.
S-3	8-31-76	0930	7.2
		1230	7.3
S-3	9-1-76	0935	6.6
		1345	6.6
S-3	9-2-76	0930	6.2
		1220	7.0
S-3	9-3-76	0950	6.9
		1315	7.2
S-2		1005	7.2
		1255	6.6
S-3	9-7-76	0945	6.8
S-3	9-8-76	1020	7.0
		1340	7.3
S-2		1045	6.8
		1325	6.8
S-3	9-13-76	1005	6.2
S-2		1020	6.4
S-3	9-14-76	1005	6.2
		1500	6.2
S-2		1025	6.4
S-3	9-15-76	0935	6.5
		1505	5.8
S-2		1450	5.8
S-3	9-16-76	1000	6.4
		1520	7.0
S-3	9-17-76	1015	6.5
		1345	7.1
S-2		1035	5.9
		1330	6.0

Hinton

MONTHLY COLIFORM DATA
SUN-PHILLIPS PROJECT

1975

TO: John Lane

FROM: Doug Bowman

OCT. 13-14

	Total	Fecal	Fecal Strep	FC/FS Ratio
S-1	1	23	42	0.6
S-2	18	12	119	0.1
S-3	3	5	12	0.4
S-4	2	16	34	0.5
S-6	6	5	200	0.03
S-7	7	6	364	0.02
S-11	1	20	51	0.4

BOD SAMPLES

July 23rd		Aug. 11th	Sept. 8th	Oct. 13th
Station	Int. 5 Day	Int. 5 Day	Int. 5 Day	Int. 5 Day
S-1	7.7 - 0	6.8 - 6.5 0.3	7.4 - 6.9 0.5	8.8 - 7.4 1.4
S-2	6.8 - 0	3.7 - 2.7 1.0	7.9 - 6.4 1.5	9.2 - 7.4 1.8
S-3	7.2 - 0	6.8 - 6.4 0.4	7.8 - 7.3 0.5	9.6 - 8.3 1.3
S-4	7.0 - 0	6.0 - 5.6 0.4	7.7 - 7.0 0.7	9.6 - 8.2 1.4
S-6	6.7 - 0	4.2 - 2.9 1.3	5.9 - 5.1 0.8	7.1 - 5.5 1.6
S-7	7.1 - 0	5.7 - 4.6 1.1	7.3 - 6.3 1.0	9.4 - 7.7 1.7
S-11	7.2 - 0	7.2 - 6.9 0.3	7.7 - 7.0 0.7	9.6 - 8.3 1.3

cc: John Hinton
Walt Holmes
Dan Finn

1975

BOD

11

Nov 17-21 Station	1st Day D.O.	5th Day D.O.	BOD mg/l
S-1	11.5	10.1	1.4
S-2	11.1	9.6	1.5
S-3	11.6	10.2	1.4
S-4	11.6	10.1	1.5
S-6	7.7	6.6	1.1
S-7	10.8	9.3	1.5
S-11	12.0	9.7	2.3

12

Dec 8-12 Technical Problems - No Results

1

Jan 12-16

S-2	6.8	6.0	0.8
S-3	11.2	10.5	0.7
S-6	8.1	7.6	0.5
S-11	10.8	10.5	0.3

cc: John Hinton
Walt Holmes
Dan Finn

COLIFORM - BOD

DATE 8-18-76

LAB VALUES

STATIONS	TOTAL			FECAL			FECAL STREP		
WHITE RIVER	10	50	100	10	50	100	10	50	100
S-1	11	8	26	50	19	37	70	43	35
S-3	3	3	6	30	5	25	70	34	75
S-11	20	4	4	0	13	10	60	33	30
EVACUATION	10	50	100	10	50	100	10	50	100
S-2	10	4	11	0	5	18	220	52	233
S-6	0	0	0	0	1	2	570	845	1394
								1670	

Reduce All Values to 100 ML

FINAL COMPUTATIONS

STATIONS

WHITE RIVER	TOTAL	FECAL	FECAL STREP	1st Day	5th Day	BOD
S-1	26.	40.	30.	7.3	7.0	0.3
S-3	30.	28.	71.	7.1	7.1	0.0
S-11	20.	26.	63.	6.9	6.1	0.8
EVACUATION						
S-2	11.	18.	219.	7.1	6.0	1.1
S-6	0	2.	1558. *	6.1	5.9	0.2

* THIS AREA USED AS SHEEP CAMP.

COLIFORM - BOD

DATE 9-22-76

LAB VALUES

STATIONS	TOTAL			FECAL			FECAL STREP		
WHITE RIVER	5	10	200	5	10	200	10	50	100
S-1	35	50	80	37	146	194	8	28	86
S-3	21	33	39	26	30	126	6	22	50
S-11	285	22	29	14	25	37	1	37	54
EVACUATION	5	100	200	5	10	7.200	5	10	25
S-2	108	243	467	153	2916	5634	252	1100	49 ?
S-6	47	110	1305	1	73	271	177	379	1600
							3540.	2190.	2400.

Reduce All Values to 100 ML

STATIONS

FINAL COMPUTATIONS

WHITE RIVER	TOTAL	FECAL	FECAL STREP	1st Day	5th Day	BOD
S-1	53.	64.	74.	7.6	7.1	0.5
S-3	62.	58.	52.	7.6	6.7	0.9
S-11	40.	24.	54.	7.6	7.2	0.6
EVACUATION						
S-2	232.	213.	210.	7.1	6.4	0.7
S-6	102.	50.	210.	6.1	4.3	1.8

9/27/76

MONTHLY COLIFORM - BOD DATA
Ua & Ub

TO: John Lane

FROM: Doug Bowman JOB: 1517-11

Coliforms

All Counts 100 ml

	Station	Total	Fecal	Fecal Strep	FC/FS Ratio
Nov 17-18	S-1	4	3	17	0.2
	S-2	0	2	125	0.02
	S-3	4	1	23	0.04
	S-4	3	2	23	0.09
	S-6	0	1	166	0.01
	S-7	3	1	60	0.02
	S-11	0	0	6	
Dec 9-10	S-1	11	20	2	----
	S-2	2	16	1	----
	S-3	5	23	0	----
	S-4	4	14	18	0.8
	S-6	1	36	0	----
	S-7	2	5	0	5.0
	S-11	7	16	3	5.3
Jan 12-13	S-2	0	0	2	----
	S-3	9	9	10	0.9
	S-6	0	0	13	----
	S-11	16	8	12	0.7

BOD

Nov 17-21 Station	1st Day D.O.	5th Day D.O.	BOD mg/l
S-1	11.5	10.1	1.4
S-2	11.1	9.6	1.5
S-3	11.6	10.2	1.4
S-4	11.6	10.1	1.5
S-6	7.7	6.6	1.1
S-7	10.8	9.3	1.5
S-11	12.0	9.7	2.3

Dec 8-12 Technical Problems - No Results

Jan 12-16

S-2	6.8	6.0	0.8
S-3	11.2	10.5	0.7
S-6	8.1	7.6	0.5
S-11	10.8	10.5	0.3

cc: John Hinton
Walt Holmes
Dan Finn

VTN COLORADO, INC.
Vernal, Utah

RECEIVED
AUG 13 1976
VTN COLORADO, INC.

CLIENT CONFIDENTIAL

TO: John Hinton

FROM: Doug Bowman

DATE: August 10, 1976

SUBJECT: Coliforms and BOD (July)

JULY

White River	Total	Fecal	Fecal Strep	BOD
S-1	**0	72	579.	7.1-6.3 = 0.8
S-3	0	73	594.	6.7-6.1 = 0.6
S-11	0	85.	680.	7.0-6.0 = 1.0
Evacuation				
S-2	17.	134.	312.	6.0-5.3 = 0.7
S-6	21.	14.	273.	7.5-6.2 = 1.3

Note: All values in 100 ML

**Very heavy sediment on all samples this month, questionable values!

DWB/nh

COLIFORM - BOD

DATE JULY 28

LAB VALUES

STATIONS	TOTAL			FECAL			FECAL STREP			
WHITE RIVER	10	20	30	10	20	30	10	20	30	
S-1	Ø	Ø	Ø	(72)	Ø	Ø	670	112 [320]	155 [316]	579
S-3	Ø	Ø	Ø	(73)	Ø	Ø	900	102 [310]	112 [313]	594
S-11	Ø	Ø	Ø	(85)	161.	Ø	990	124 [620]	129 [430]	680
EVACUATION 7/29	10	50	100	10	50	100	10	50	100	
S-2 *	30	6 [12]	8 (17)	70	91 [182]	151 (154)	430	161 [322]	18.5	312
S-6 *	30	10 [20]	13 (21)	Ø	7 (14)	11	290	155 [306]	.	273

* SEDIMENT TOO HEAVY TO RUN ON THE 28th 36 — 156

Reduce All Values to 100 ML

FINAL COMPUTATIONS

STATIONS

WHITE RIVER	TOTAL	FECAL	FECAL STREP	28th 1st Day	5th Day	BOD
S-1	** 0	72	579.	7.1 [145]	6.3	0.8
S-3	0	73	594.	6.7	6.1	0.6
S-11	0	85.	680.	7.0 [330]	6.0	1.0
EVACUATION						
S-2	17.	134.	312.	6.0	5.3	0.7
S-6	21.	14.	273.	7.5	6.2	1.3

** NOTE: [illegible] VALUES THIS MONTH. QUESTIONABLE VALUES!

VTN COLORADO, INC.
Vernal, Utah

CLIENT CONFIDENTIAL
AUG 30 1976
VTN COLORADO, INC.

TO: John Hinton

FROM: Doug Bowman

DATE: August 27, 1976

SUBJECT: Coliforms and BOD (August)

AUGUST

White River	Total	Fecal	Fecal Strep	BOD
S-1	26.	40.	80.	7.3-7.0 = 0.3
S-3	30.	28.	71.	7.1-7.1 = 0.0
S-11	20.	26.	63.	6.9-6.1 = 0.8
Evacuation				
S-2	11.	18.	219.	7.1-6.0 = 1.1
S-6	0	2.	1558.*	6.1-5.9 = 0.2

Note: All values in 100 ML

* This area used as sheep camp.

DWB/nh

COLIFORM - BOD

DATE 8-18-76

LAB VALUES

STATIONS	TOTAL			FECAL			FECAL STREP		
WHITE RIVER	10	50	100	10	50	100	10	50	100
S-1	11	8	26	50	19	34	70	43	85
S-3	3	3	6	3	5	25	70	34	75
S-11	20	4	4	0	13	10	160	33	30
EVACUATION	10	50	100	3	50	100	10	50	100
S-2	1	4	11	0	5	18	240		330
S-6	0	0	0	0	1	2		845	1394

Reduce All Values to 100 ML

STATIONS

FINAL COMPUTATIONS

WHITE RIVER	TOTAL	FECAL	FECAL STREP	1st Day	5th Day	BOD
S-1	26.	40.	80.	7.8	7.0	0.3
S-3	30.	28.	71.	7.1	7.1	0.0
S-11	20.	26.	63.	6.9	6.1	0.8
EVACUATION						
S-2	11.	13.	219.	7.1	6.0	1.1
S-6	0	2.	1558. *	6.1	5.9	0.2

* THIS AREA USED AS SHEEP CAMP.

Henton.

RECEIVED
30 1976
COLORADO, IN

DISSOVLED OXYGEN--WHITE RIVER NR WATSON, UTAH

5-3

COOL TEMPERATURE → TEMPERATURE WARMING

DA	MO	YR	0600	1200	1800	2400	MAX	MIN	DAY
14	4	76	0.00	0.00	9.95	9.91	12.13	9.61	9.88
15	4	76	9.92	10.00	9.69	9.47	10.04	9.43	9.77
16	4	76	9.65	9.76	9.57	9.82	9.82	9.39	9.66
17	4	76	9.89	10.07	10.04	9.99	10.15	9.76	10.00
18	4	76	10.17	9.96	9.93	9.95	10.30	7.75	9.78
19	4	76	8.25	6.45	6.33	5.[illegible]	8.65	2.25	6.62
20	4	76	31.71	51.60	4.72	[illegible]	149.22	0.03	22.57
21	4	76	142.75	62.54	1.25	[illegible]	149.21	0.04	77.76
22	4	76	145.62	146.07	146.56	[illegible]	147.39	145.37	146.00
23	4	76	145.31	145.40	145.76	145.38	145.79	145.32	145.46
24	4	76	145.35	145.37	145.62	145.72	145.73	145.36	145.51
25	4	76	145.72	145.72	145.72	145.72	145.72	145.72	145.72
26	4	76	145.72	145.72	145.72	145.72	145.72	145.72	145.72
27	4	76	145.72	145.72	145.72	145.72	145.72	145.72	145.72
28	4	76	145.72	145.72	145.72	145.72	145.72	145.72	145.72
29	4	76	145.72	145.72	145.72	145.72	145.72	145.72	145.72
30	4	76	145.72	145.72	145.72	145.72	145.72	145.72	145.72
1	5	76	145.72	145.72	145.72	145.72	145.72	145.72	145.72
2	5	76	145.72	145.72	145.72	145.72	145.72	145.72	145.72
3	5	76	145.72	145.72	145.72	145.72	145.72	145.72	145.72
4	5	76	145.72	145.72	0.00	0.00	145.72	145.72	145.72

NO GOOD

D.O.

Dissolved Oxygen

Hinton

VTN
Engineers Architects Planners
6875 E. Evans Avenue, Denver, Colorado 80222 (303) 759-4271

RECEIVED
SEP 30 1976
VTN COLORADO, INC.

LETTER OF TRANSMITTAL

To VTN Denver

Date 9/27/76

Project S/P/S

Attn. John Hinton

Tract/W. O. No.

Gentlemen:

We are forwarding ☒ By Mail ☐ By Messenger

No. Copies	Description	Sheet No.
	Attached is the last sheet turned in by	
	Cliff Lark on the D.O. study; please put	
	with other sheets.	
	Coliform and BOD results for Sept. are also attached.	

Remarks

This Material is sent for ☐ Checking ☐ Approval

☐ Your Files ☐ Other

☐ Please sign _____ Copies and return to our office.

By Doug Bowman

Above material received by _____ Date

DO Program

Station	Date	Time	D.O
S-3	09-20-76	0645	6.2
S-2	09-20-76	1000	6.1

VTN COLORADO, INC.
Vernal, Utah

TO: John Hinton

FROM: Doug Bowman

DATE: July 22, 1976

SUBJECT: Coliforms and BOD (May & June)

MAY 5-18

White River	Total	Fecal	Fecal Strep
S-1	540.	645.	375.
S-3	760.	1395.	265.
S-4	10.*	505.	180.
S-11	420.	310.	475.
Evacuation			
S-2	0 *	271.	1053.
S-6	0 *	105.	234.

JUNE 6-21

White River	Total	Fecal	Fecal Strep	BOD
S-1	4.*	40.	110.	7.5-6.6 = 0.9
S-3	16.	36.	152.	7.9-7.1 = 0.8
S-11	15.	38.	112.	7.0-6.1 = 0.9
Evacuation				
S-2	10.	27.	198.	--
S-6	20.	8.*	317.	--

Note: All values in 100 ML

* Count affected by heavy sediment.

DWB/nh

COLIFORM - BOD

RECEIVED

DATE 9-22-76

LAB VALUES

STATIONS	TOTAL			FECAL			FECAL STREP		
WHITE RIVER	50	100	200	50	100	200	10	50	100
S-1	35	50	80	37	146	194	8	28	86
S-3	31	33	TOO MANY	26	30	126	6	22	51
S-11	20	22	29	14	25	37	1	37	54
EVACUATION	50	100	200	50	100	200	5	10	25
S-2	107	243	468	150	296	564	252	110	49 ?
S-6	47	111	130	16	73	271	171	274	1600

3570. 2790. 2700.

Reduce All Values to 100 ML

FINAL COMPUTATIONS

STATIONS

WHITE RIVER	TOTAL	FECAL	FECAL STREP	1st Day	5th Day	BOD
S-1	53.	64.	76.	7.6	7.1	0.5
S-3	62.	58.	52.	7.6	6.7	0.9
S-11	40.	24.	46.	7.8	7.2.	0.6
EVACUATION						
S-2	232.	548.	210.	7.1	6.4	0.7
S-6	102.	50.	1410.	6.1	4.3	1.8

VTN COLORADO, INC.
Vernal, Utah

RECEIVED
SEP 24 1976
VTN COLORADO, INC.

CLIENT CONFIDENTIAL

MEMO

TO: John Hinton DATE: September 21, 1976

FROM: Doug Bowman

SUBJECT: D. O. Sampling

John, take a fast look at this data and let me know if more is needed or any suggestions as to how we could modify our collection schedule.

Doug Bowman

Doug Bowman

DWB/nh

Attachment

24 Hour D. O. Sampling

	Station	Date	Time	D.O. Reading
1200	S-3	9-9-76	1145	7.0
	S-2	9-9-76	1200	6.4
1800	S-3	9-9-76	1745	7.2
	S-2	9-9-76	1800	6.4
2400	S-3	9-9-76	2345	5.7
	S-2	9-9-76	2400	5.4
0600	S-3	9-10-76	0545	5.8
	S-2	9-10-76	0600	5.8
1200	S-3	9-10-76	1200	6.3
	S-2	9-10-76	1145	6.3

Dissolved Oxygen Program

Station	Date	Time	D. O.
S-3	8-31-76	0930	7.2
		1230	7.3
S-3	9-1-76	0935	6.6
		1345	6.6
S-3	9-2-76	0930	6.2
		1220	7.0
S-3	9-3-76	0950	6.9
		1315	7.2
S-2		1005	7.2
		1255	6.6
S-3	9-7-76	0945	6.8
S-3	9-8-76	1020	7.0
		1340	7.3
S-2		1045	6.8
		1325	6.8
S-3	9-13-76	1005	6.2
S-2		1020	6.4
S-3	9-14-76	1005	6.2
		1500	6.2
S-2		1025	6.4
S-3	9-15-76	0935	6.5
		1505	5.8
S-2		1450	5.8
S-3	9-16-76	1000	6.4
		1520	7.0
S-3	9-17-76	1015	6.5
		1345	7.1
S-2		1035	5.9
		1330	6.0

Streamflow Data

1974-75, 1975-76

PROCESS DATE 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	427	389	396	350	390	470	421	547	1400	2360	669	376
2	416	406	321	350	400	540	400	506	1540	2390	614	377
3	425	401	293	350	410	560	356	472	1930	2460	582	376
4	413	382	295	300	380	560	360	466	2200	2430	562	395
5	422	389	416	270	365	621	394	529	2480	2650	539	399
6	437	377	501	270	370	558	461	620	2810	2480	468	390
7	448	351	443	300	400	640	464	641	3180	2500	406	377
8	445	350	347	330	410	639	464	585	3500	2200	364	372
9	446	352	259	330	410	604	400	520	3900	2030	350	391
10	452	375	254	300	420	594	345	485	3560	1960	315	479
11	462	394	149	270	410	557	325	479	2890	1760	268	642
12	461	380	217	270	410	520	306	545	2340	1540	373	528
13	484	359	230	300	410	572	301	659	2070	1460	626	472
14	484	451	300	320	400	548	268	700	2120	1420	463	469
15	461	455	330	320	400	513	279	800	2530	1410	443	462
16	444	438	340	290	400	488	279	1050	2960	1350	480	440
17	416	429	352	330	400	543	306	1160	3250	1320	457	412
18	406	416	330	340	380	502	365	1520	3180	1220	439	410
19	401	418	302	340	360	514	385	1990	2890	1070	419	418
20	400	433	358	350	350	484	325	1850	2660	1000	401	415
21	395	418	390	320	340	461	283	2440	2300	959	401	418
22	399	391	360	320	330	510	274	2690	2200	944	426	416
23	421	453	340	350	310	454	283	2190	2040	873	440	427
24	434	459	230	390	310	414	493	1720	1890	815	435	432
25	426	430	200	420	340	384	532	1430	2000	773	407	452
26	427	403	180	450	360	402	578	1620	2310	752	393	443
27	425	408	140	430	390	410	661	1560	2180	735	392	439
28	416	425	200	450	420	371	710	1830	2100	682	387	469
29	424	376	230	400	---	379	681	1790	2210	665	392	460
30	424	398	260	350	---	356	605	1670	2300	690	398	449
31	442	---	290	350	---	351	---	1380	---	670	382	---
TOTAL	13389	12108	9383	10620	10665	15559	12328	36444	74920	45568	13693	13005
MEAN	432	404	300	343	381	502	411	1176	2497	1470	442	434
MAX	488	459	501	450	420	640	710	2690	3900	2650	669	642
MIN	395	350	149	270	310	351	274	466	1400	665	268	372
CFSM	105	98.1	72.8	83.3	92.5	122	99.8	285	606	357	107	105
IN.	120.86	109.30	83.98	95.87	96.27	140.45	111.28	328.98	676.30	411.34	123.61	117.40
AC-FT	26560	24020	18450	21060	21150	30860	24450	72290	148600	90380	27160	25800

WTR YR 1975 TOTAL 267602 MEAN 733 MAX 3900 MIN 144 CFSM 77.9 IN 415.63 AC-FT 530800

Unpublished Records
Subject to Revision

PROCESS DATE 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					0	5.0		0		0	0	0
2					0	.31		0		0	0	0
3					0	0		0		0	0	0
4					0	0		0		0	0	0
5					0	0		0		0	0	0
6					0	0		0		0	0	0
7					0	0		0		0	0	0
8					0	0		0		0	0	0
9					0	0		0		0	0	0
10					0	0		0		0	0	4.8
11					0	0		0		0	0	0
12					0	0		0		0	3.1	0
13					0	0		0		0	0	0
14					0	0		0		0	.14	15
15					0	0		0		0	.03	3.0
16					0	0		0		1.5	0	0
17					0	0		0		.02	0	0
18					0	0		0		0	0	0
19					0	0		0		0	0	0
20					0	0		0		0	0	0
21					0	0		0		0	0	0
22					0	0		0		0	0	0
23					0	0		0		0	0	0
24					0	0		0		0	0	0
25					0	0		0		0	0	0
26					0	0		0		0	0	0
27					0	0		0		0	0	0
28					0.9	0		0		0	0	0
29					---	0		2.1		0	0	0
30					---	0		0		0	0	0
31		---			---	0	---	0	---	0	0	---
TOTAL	0	0	0	0	6.9	5.31	0	2.1	0	1.52	3.27	22.8
MEAN	0	0	0	0	.25	.17	0	.068	0	.049	.11	.76
MAX	0	0	0	0	6.9	5.0	0	2.1	0	1.5	3.1	15
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	0	14	11	0	4.2	0	3.0	6.5	45

WTR YR 1975 TOTAL 41.90 MEAN .11 MAX 15 MIN 0 AC-FT 83

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.20	.20	.22	.20	.10	10	1.3	1.4	1.3	.38	.66	0
2	.20	.23	.22	.20	.10	15	.66	1.2	1.5	.30	.21	0
3	.20	.23	.20	.20	.10	16	.86	1.0	.82	.30	.12	0
4	.20	.25	.20	.20	.10	6.7	14	.92	1.7	.24	.09	0
5	.20	.20	.20	.20	.10	3.1	8.1	1.9	1.5	.24	.06	0
6	.20	.20	.20	.20	.10	2.8	4.3	2.8	1.2	.21	.03	0
7	.20	.20	.20	.20	.10	1.9	2.9	2.6	1.1	.21	0	0
8	.20	.24	.20	.20	.10	1.8	1.9	1.9	4.0	3.2	0	0
9	.20	.23	.20	.20	.10	1.6	1.7	1.7	1.9	.30	0	.18
10	.20	.22	.20	.20	.10	1.8	1.1	1.3	2.9	.30	.15	9.7
11	.20	.23	.20	.20	.10	2.2	1.1	.94	1.7	.38	.54	2.2
12	.20	.19	.20	.20	.10	1.4	1.0	.70	.70	.24	.15	.46
13	.20	.12	.20	.20	.10	.66	1.0	.70	.66	1.8	.66	.46
14	.20	.13	.20	.20	.10	.31	1.1	.62	.58	7.2	1.5	2.7
15	.20	.14	.20	.20	.10	.22	1.2	.58	.58	3.5	.50	5.0
16	.20	.13	.20	.20	.10	.18	1.5	.58	.62	.38	.34	6.2
17	.20	.14	.20	.20	.10	.75	1.9	.66	.62	1.3	.21	.18
18	.20	.16	.20	.20	.10	.27	1.7	1.4	.66	1.3	.12	.06
19	.20	.15	.20	.20	.10	.28	1.7	2.7	1.7	.54	0	.06
20	.20	.13	.20	.20	.10	.28	1.4	2.9	.82	.54	.03	.06
21	.20	.22	.20	.20	.10	.30	1.2	9.0	2.2	.18	0	.06
22	.20	.23	.20	.20	.10	.27	1.7	7.2	1.9	.18	.03	.03
23	.20	.24	.20	.20	.10	.16	1.8	5.9	1.4	.20	0	0
24	.20	.17	.20	.20	.10	.15	1.7	4.5	1.2	.20	0	0
25	.20	.24	.20	.20	.10	.09	1.5	2.7	1.2	.20	0	0
26	.20	.25	.20	.20	.10	.61	2.1	2.7	1.1	.20	0	0
27	.20	.20	.20	.20	.10	1.3	1.9	3.2	.62	.20	0	0
28	.20	.20	.20	.20	.10	.41	1.8	68	.50	.20	0	0
29	.20	.21	.20	.20	---	.17	1.7	43	.46	.20	0	0
30	.20	.22	.20	.20	---	.57	1.7	14	.38	.27	0	0
31	.20	---	.20	.20	---	.36	---	.94	---	.82	0	---
TOTAL	6.20	5.90	6.24	6.20	2.80	71.64	67.52	189.64	37.32	25.63	5.40	27.35
MEAN	.20	.20	.20	.20	.10	2.31	2.25	6.12	1.24	.83	.17	.91
MAX	.20	.25	.22	.20	.10	16	14	68	4.0	7.2	1.5	9.7
MIN	.20	.12	.20	.20	.10	.09	.66	.58	.38	.18	0	0
AC-FT	12	12	12	12	5.6	142	134	376	74	51	11	54

WTR YR 1975 TOTAL 451.84 MEAN 1.24 MAX 68 MIN 0 AC-FT 896

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1975 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC-FT 0

Unpublished Records
Subject to Revision

PROCESS DA... 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	.01	.01	.10	.10	11	1.2	1.5	3.6	.13	.15	.09
2	.01	.01	.01	.10	.10	22	.91	1.3	3.0	.13	.15	.12
3	.01	.01	.01	.10	.10	14	.85	1.2	2.4	.15	.15	.13
4	.01	.01	.01	.10	.10	9.2	3.5	1.2	1.8	.15	.08	.15
5	.01	.01	.19	.10	.10	6.4	8.8	2.4	1.5	.18	.01	.17
6	.01	.01	.42	.10	.10	3.5	8.4	2.9	1.2	.22	.01	.22
7	.01	.01	.40	.10	.10	2.5	7.5	2.7	.90	.22	.02	.26
8	.01	.01	.20	.10	.20	1.9	6.9	2.6	2.5	.40	.04	.29
9	.01	.01	.10	.10	.30	1.3	4.6	2.1	2.3	.62	.03	.37
10	.01	.01	.10	.10	.30	1.2	1.6	1.6	2.7	1.2	.05	14
11	.01	.01	.10	.10	.30	1.1	1.4	1.0	2.3	1.1	1.7	12
12	.01	.02	.10	.10	.30	.70	1.4	.58	1.6	.57	11	10
13	.01	.02	.10	.10	.30	.47	1.1	.53	1.2	1.2	18	8.0
14	.01	.02	.10	.10	.30	.38	1.1	.31	.72	3.7	18	6.0
15	.01	.03	.10	.10	.30	.32	1.0	.34	.46	3.4	.08	4.0
16	.01	.01	.10	.10	.30	.26	1.1	.38	.56	2.0	.03	2.0
17	.01	.01	.30	.10	.30	.32	1.1	.44	.74	9.6	.03	1.0
18	.01	.01	.30	.10	.30	.31	.83	1.3	1.2	2.8	.01	.01
19	.01	.01	.30	.10	.30	.38	.58	2.5	1.9	2.6	0	.01
20	.01	.01	.30	.10	.30	.43	.50	2.8	1.6	2.6	0	.01
21	.02	.01	.30	.10	.30	.51	.41	5.2	2.1	2.6	0	.01
22	.02	.07	.20	.10	.30	.43	.43	4.9	2.2	1.6	0	.01
23	.01	.13	.10	.10	.30	.27	.40	5.1	1.9	.04	.01	.01
24	.01	.06	.10	.10	.30	.21	.50	6.6	1.2	.02	.01	.01
25	.01	.07	.10	.10	.30	.29	.58	7.6	.78	.03	.01	.01
26	.01	.08	.10	.10	.30	.61	1.3	11	.97	.01	.01	.01
27	.01	.07	.10	.10	.30	.64	1.4	13	.56	0	.01	.01
28	.01	.20	.10	.10	.40	.55	1.3	41	.23	0	.01	.01
29	.01	.04	.10	.10	---	.50	1.4	26	.12	0	.03	.01
30	.01	.03	.10	.10	---	.59	1.3	7.6	.12	.16	.06	.02
31	.01	---	.10	.10	---	.77	---	5.0	---	.06	.07	---
TOTAL	.33	1.01	4.65	3.10	7.00	83.04	63.59	162.68	44.36	37.49	49.76	58.94
MEAN	.011	.034	.15	.10	.25	2.68	2.12	5.25	1.48	1.21	1.61	1.96
MAX	.02	.20	.42	.10	.40	22	8.8	41	3.6	9.6	18	14
MIN	.01	.01	.01	.10	.10	.21	.40	.31	.12	0	0	.01
AC-FT	.7	2.0	9.2	6.1	14	165	126	323	88	74	99	117

WTR YR 1975 TOTAL 515.95 MEAN 1.41 MAX 41 MIN 0 AC-FT 1020

Report ... Subject ...

PROCESS DA[illegible]IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306425 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
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21												
22												
23												
24												
25												
26												
27												
28												
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0	0	0	0	0	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	0	0	0	0	0	0	0	0	0

WTR YR 1975 TOTAL 0 MEAN 0 MAX 0 MIN 0 AC-FT 0

Unpub[illegible]
Subject [illegible]

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.30	.14	.05	.04	.04	7.3	.31	.87	2.2	.54	.30	.08
2	.30	.15	.05	.04	.04	37	.37	.57	1.9	.54	.42	.08
3	.30	.14	.05	.04	.05	12	.52	.34	2.0	.48	.26	.07
4	.30	.14	.06	.04	.05	3.7	1.2	.28	1.7	.42	.20	.07
5	.30	.12	.05	.04	.05	2.4	8.6	.64	1.2	.42	.22	.07
6	.30	.12	.05	.04	.05	2.0	2.4	1.0	.84	.42	.26	.07
7	.30	.12	.05	.04	.05	1.1	1.8	2.0	.78	.42	.28	.07
8	.30	.09	.05	.04	.05	.65	1.5	2.2	1.7	1.1	.36	.08
9	.30	.06	.05	.04	.05	.49	.93	1.7	2.2	4.7	.42	.24
10	.30	.06	.04	.04	.05	.60	.36	1.4	3.6	1.5	.54	7.5
11	.30	.05	.04	.04	.05	.59	.31	.90	2.3	.07	.42	2.5
12	.30	.05	.04	.04	.15	.21	.28	.84	1.5	.05	.36	.78
13	.30	.05	.04	.04	.04	.20	.24	.81	1.2	.16	.28	.42
14	.87	.09	.04	.04	.04	.17	.26	.84	.84	5.2	.60	.66
15	.31	.09	.04	.04	.04	.20	.29	.86	.72	4.7	.20	5.8
16	.26	.12	.04	.04	.04	.22	.36	.89	.72	.72	.18	.36
17	.23	.12	.04	.03	.04	.31	.64	.92	.66	21	.20	.20
18	.23	.13	.04	.03	.04	.32	.80	.94	.72	.90	.16	.12
19	.23	.10	.04	.03	.04	.28	.52	.97	1.4	.54	.14	.12
20	.20	.07	.04	.03	.03	.26	.52	1.2	1.5	.42	.14	.10
21	.18	.06	.04	.03	.04	.23	.45	6.4	2.0	.36	.12	.10
22	.17	.03	.04	.03	.05	.23	.49	8.0	1.9	.36	.12	.10
23	.16	.03	.04	.03	.04	.26	.70	7.4	1.1	.30	.12	.10
24	.17	.03	.04	.03	.04	.23	.57	5.2	.84	.28	.12	.09
25	.17	.03	.04	.03	.04	.26	.67	2.3	.66	.28	.10	.09
26	.17	.04	.04	.03	.04	.26	.94	1.9	.66	.22	.10	.09
27	.17	.04	.04	.03	.04	.28	1.0	1.9	.60	.16	.10	.09
28	.17	.04	.04	.03	3.1	.29	.77	33	.54	.12	.12	.08
29	.14	.04	.04	.03	---	.28	.81	62	.54	.07	.10	.08
30	.14	.04	.04	.04	---	.24	1.0	33	.54	.04	.09	.08
31	.14	---	.04	.04	---	.31	---	2.2	---	.05	.09	---
TOTAL	8.01	2.39	1.34	1.11	4.38	72.91	29.71	183.47	39.06	46.54	7.12	20.29
MEAN	.26	.080	.043	.036	.16	2.35	.99	5.92	1.30	1.50	.23	.68
MAX	.87	.15	.06	.04	3.1	37	8.6	62	3.6	21	.60	7.5
MIN	.14	.03	.04	.03	.03	.17	.24	.28	.54	.04	.09	.07
AC-FT	16	4.7	2.7	2.2	8.7	145	59	364	77	92	14	40

WTR YR 1975 TOTAL 416.33 MEAN 1.14 MAX 62 MIN .03 AC-FT 826

Unpublished Records
Subject to Revision

PROCESS DATE IS 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	416	448	231	360	390	470	465	556	1570	2610	699	365
2	410	460	241	360	390	500	460	526	1670	2630	608	360
3	421	465	275	350	380	550	421	498	2010	2670	608	360
4	410	443	290	330	380	570	421	498	2240	2630	587	370
5	416	448	400	310	370	590	448	550	2460	2760	574	365
6	432	443	482	290	370	610	460	622	2670	2580	544	355
7	443	416	482	290	390	620	492	650	2900	2550	514	340
8	443	410	438	285	400	630	509	601	3180	2260	509	325
9	454	410	335	280	410	620	482	550	3820	2060	526	335
10	460	421	320	280	410	600	438	526	3910	1970	520	416
11	465	432	212	275	410	600	426	520	3170	1810	509	629
12	465	432	246	280	410	600	416	574	2620	1560	509	514
13	482	426	295	290	410	590	416	699	2330	1410	556	460
14	487	426	360	300	410	556	421	734	2370	1350	504	454
15	460	443	370	310	410	520	415	830	2730	1260	504	492
16	443	438	380	315	400	504	421	1100	3180	1280	532	487
17	438	426	385	320	390	550	443	1320	3520	1440	520	470
18	426	421	350	320	380	504	482	1720	3480	1350	498	448
19	421	410	340	325	370	509	544	2060	3150	1200	465	448
20	421	416	370	330	360	526	498	1870	2920	1090	443	448
21	416	410	360	340	350	498	454	2240	2560	1020	438	443
22	416	390	320	350	340	532	443	2550	2470	1010	460	443
23	432	432	270	370	330	504	454	2280	2320	915	476	448
24	448	448	230	380	320	465	492	1880	2170	838	465	454
25	438	426	200	400	320	438	538	1600	2260	776	438	465
26	438	405	170	420	340	443	562	1710	2550	748	416	465
27	438	405	170	430	370	454	622	1660	2450	734	416	454
28	432	416	170	420	420	416	678	1960	2370	676	400	476
29	438	350	190	400	---	416	671	1980	2490	657	400	470
30	432	416	230	390	---	400	608	1850	2580	706	400	465
31	448	---	300	390	---	405	---	1580	---	685	380	---
TOTAL	13589	12732	9412	10490	10630	16190	14601	38294	80120	47237	15418	13024
MEAN	438	424	304	338	380	522	487	1235	2671	1524	497	434
MAX	487	465	482	430	420	630	678	2550	3910	2760	699	629
MIN	410	350	170	275	320	400	416	498	1570	657	380	325
CFSM	.11	.11	.08	.08	.09	.13	.12	.31	.66	.38	.12	.11
IN.	.13	.12	.09	.10	.10	.15	.14	.35	.74	.44	.14	.12
AC-FT	26950	25250	18670	20810	21080	32110	28960	75960	158900	93690	30580	25830

WTR YR 1975 TOTAL 281737 MEAN 772 MAX 3910 MIN 170 CFSM .19 IN 2.61 AC-FT 558800

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	427	436	404	350	390	470	452	496	1540	2400	655	333
2	416	440	336	350	400	540	436	483	1630	2380	588	327
3	425	444	267	350	410	580	404	459	1900	2380	564	322
4	413	424	309	300	380	580	404	452	2110	2410	556	332
5	422	428	358	270	355	621	436	489	2370	2450	535	336
6	437	428	464	270	370	558	480	569	2730	2480	509	332
7	448	400	452	300	400	640	484	638	2730	2490	481	317
8	445	400	432	330	410	639	486	607	3480	2370	473	311
9	446	404	336	330	410	604	482	553	3820	2180	487	318
10	452	420	330	300	420	594	446	519	3910	2070	488	377
11	462	440	238	270	410	560	410	517	2970	1850	473	660
12	461	444	215	270	410	520	408	572	2410	1550	474	514
13	484	440	225	300	410	565	411	691	2190	1430	517	461
14	460	464	277	320	400	510	411	741	2290	1350	461	460
15	452	484	293	320	400	488	406	819	2550	1240	457	496
16	440	476	339	290	400	476	412	1060	3000	1230	484	468
17	432	468	352	330	400	525	421	1320	3200	1390	471	460
18	420	456	331	340	380	472	416	1640	3150	1310	446	453
19	416	456	295	340	360	496	416	1970	3000	1230	416	479
20	412	472	340	350	350	496	417	1840	2850	1220	396	479
21	404	460	388	320	340	464	413	2180	2440	1220	395	489
22	412	432	354	320	330	500	414	2460	2330	1210	416	495
23	420	468	344	360	310	476	415	2240	2220	1200	436	513
24	424	480	230	340	310	440	440	1840	2110	947	429	531
25	404	468	200	420	340	420	486	1600	2220	747	409	556
26	416	444	180	450	360	432	488	1700	2310	714	397	559
27	412	444	160	450	390	444	484	1650	2200	712	400	529
28	404	460	200	450	420	388	484	1840	2100	646	382	527
29	412	400	230	400	---	392	484	1910	2220	629	374	498
30	416	400	260	350	---	396	480	1810	2310	662	376	460
31	428	---	290	350	---	396	---	1560	---	641	355	---
TOTAL	13326	13280	9449	10620	10665	15682	13226	37265	76290	46778	14300	13392
MEAN	430	443	305	343	381	506	441	1202	2543	1509	461	446
MAX	484	484	464	450	420	640	488	2460	3910	2490	655	660
MIN	404	400	180	270	310	388	404	452	1540	629	355	311
AC-FT	26430	26340	18740	21060	21150	31110	26230	73920	151300	92780	28360	26560

WTR YR 1975 TOTAL 274273 MEAN 751 MAX 3910 MIN 180 AC-FT 544000

Usgs Publication Records

PROCESS DATE 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 345421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					0							
2					0							
3					0							
4					0							
5					0							
6					0							
7					0							
8					0							
9					0							
10					0							
11					0							
12					0							
13					0							
14					0							
15					0							
16					0							
17					0							
18					0							
19					0							
20					0							
21					0							
22					0							
23					0							
24					0							
25					0							
26					0							
27					.49							
28					.28							
29					---							
30					---							
31		---			---		---		---			---
TOTAL	0	0	0	0	.77	0	0	0	0	0	0	0
MEAN	0	0	0	0	.028	0	0	0	0	0	0	0
MAX	0	0	0	0	.49	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	0	1.5	0	0	0	0	0	0	0

WTR YR 1975 TOTAL 0.77 MEAN .0020 MAX .49 MIN 0 AC-FT 1.5

Unpublished Data
Subject to Revision

PROCESS DATE 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	3.3			0	1.8	0					
2	0	1.5			0	0	0					
3	0	0			0	0.	0					
4	0	0			0	0	0					
5	0	0			0	0	1.0					
6	0	0			0	0	0					
7	0	0			0	0	0					
8	0	0			0	0	0					
9	0	0			0	0	0					
10	0	2.2			0	0	0					
11	0	0			0	0	0					
12	0	0			0	0	0					
13	0	0			0	0	0					
14	0	0			0	0	0					
15	0	0			0	0	0					
16	0	0			0	0	0					
17	0	0			0	0	0					
18	0	0			0	0	0					
19	0	0			0	0	0					
20	0	0			0	0	0					
21	0	0			0	0	0					
22	0	0			0	0	0					
23	0	0			0	0	0					
24	0	0			0	0	0					
25	0	0			0	0	0					
26	0	0			0	0	0					
27	0	0			4.7	0	0					
28	0	0			4.0	0	0					
29	0	0			---	0	0					
30	1.5	0			---	0	0					
31	1.1	---			---	0	---		---			---
TOTAL	2.6	7.0	0	0	8.7	1.8	1.0	0	0	0	0	0
MEAN	.084	.23	0	0	.31	.058	.033	0	0	0	0	0
MAX	1.5	3.3	0	0	4.7	1.8	1.0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	5.2	14	0	0	17	3.6	2.0	0	0	0	0	0

WTR YR 1975 TOTAL 21.1 MEAN .058 MAX 4.7 MIN 0 AC-FT 42

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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					0					0	0	0
2					0					0	0	0
3					0					0	0	0
4					0					0	0	0
5					0					0	0	0
6					0					0	0	0
7					0					0	0	0
8					0					0	0	0
9					0					0	0	.08
10					0					0	0	0
11					0					0	.20	0
12					0					0	.03	0
13					0					0	0	0
14					0					1.8	0	0
15					0					.09	0	0
16					0					0	0	0
17					0					0	0	0
18					0					0	0	0
19					0					0	0	0
20					0					0	0	0
21					0					0	0	0
22					0					0	0	0
23					0					0	0	0
24					0					0	0	0
25					0					0	0	0
26					0					0	0	0
27					2.5					0	0	0
28					.61					0	0	0
29					---					0	0	0
30					---				---	0	0	---
31		---			---		---					
TOTAL	0	0	0	0	3.11	0	0	0	0	1.89	.23	.08
MEAN	0	0	0	0	.11	0	0	0	0	.061	.007	.003
MAX	0	0	0	0	2.5	0	0	0	0	1.8	.20	.08
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	0	6.2	0	0	0	0	3.7	.5	.2

WTR YR 1975 TOTAL 5.31 MEAN .015 MAX 2.5 MIN 0 AC-FT 11

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Subject to Revision

PROCESS DATE 08-10-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	---			0				0	0		
2	0	---			0				0	0		
3	0	---			0				0	0		
4	0	0			0				0	0		
5	0	0			0				0	0		
6	0	0			0				0	0		
7	0	0			0				0	0		
8	0	0			0				0	---		
9	0	0			0				0	---		
10	---	0			2.2				0	---		
11	---	0			5.8				0	---		
12	---	0			1.5				0	---		
13	---	0			.94				0	---		
14	---	0			.78				0	---		
15	---	0			.46				0	---		
16	---	0			0				0	---		
17	---	0			0				0	---		
18	---	0			0				0	---		
19	---	0			0				0	---		
20	---	0			0				0	---		
21	---	0			0				0	---		
22	---	0			0				2.2	---		
23	---	0			0				0	---		
24	---	0			0				0	---		
25	---	0			0				0	---		
26	---	0			0				0	---		
27	---	0			0				0	---		
28	---	0			0				0	---		
29	---	0			0				0	---		
30	---	0			---				0	---		
31	---	---			---		---		---	---		
TOTAL	---	---	0	0	11.68	0	0	0	2.2	---		
MEAN	---	---	0	0	.40	0	0	0	.073	---		
MAX	---	---	0	0	5.8	0	0	0	2.2	---		
MIN	---	---	0	0	0	0	0	0	0	---		
AC-FT	---	---	0	0	23	0	0	0	4.4	---		

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	427	462	264	350	390	470	465	570	1650	2640	680	336
2	416	465	229	350	400	549	435	540	1720	2700	608	337
3	425	470	271	350	410	580	402	500	1990	2750	584	332
4	413	450	330	300	380	580	386	480	2200	2710	566	346
5	422	450	385	270	355	621	430	540	2500	2840	545	351
6	437	445	490	270	370	558	460	600	2800	2720	525	347
7	448	415	480	300	400	640	480	640	3020	2670	495	328
8	445	410	440	330	410	639	490	590	3290	2200	477	324
9	446	415	335	330	410	604	480	540	3950	2160	484	320
10	452	430	306	300	420	594	450	510	4380	2050	490	358
11	462	455	174	270	410	557	410	500	3550	1890	471	649
12	461	459	201	270	410	520	410	580	2860	1630	458	519
13	484	441	244	300	410	572	410	700	2450	1460	522	454
14	488	435	332	320	400	548	415	800	2430	1340	449	446
15	461	455	335	320	400	513	415	950	2770	1320	451	485
16	444	450	339	290	400	510	425	1120	3260	1320	474	457
17	416	441	352	330	400	560	440	1360	3680	1470	477	435
18	406	433	331	380	380	505	500	1700	3830	1350	445	408
19	401	427	295	380	360	530	545	2080	3390	1190	413	406
20	400	445	340	350	350	520	500	1970	3150	1080	383	403
21	432	433	388	320	340	510	450	2220	2690	1020	379	396
22	438	396	354	320	330	520	440	2650	2540	1020	392	390
23	444	443	344	350	310	500	450	2340	2360	916	414	404
24	449	458	230	390	310	480	500	1930	2200	842	410	412
25	444	449	200	420	340	430	550	1690	2260	782	384	426
26	447	419	180	450	360	435	578	1760	2540	734	363	435
27	443	418	180	450	390	455	638	1730	2490	740	372	421
28	441	442	200	450	420	385	680	1970	2380	682	347	448
29	442	355	230	400	---	385	640	2000	2490	644	351	445
30	441	436	260	350	---	390	600	1930	2580	606	361	442
31	458	---	290	350	---	380	---	1690	---	602	353	---
TOTAL	13633	13102	9329	10620	10665	16011	14474	39180	83400	48238	14123	12260
MEAN	440	437	301	343	381	516	482	1264	2780	1556	456	409
MAX	488	470	490	450	420	640	680	2650	4380	2840	680	649
MIN	400	355	174	270	310	380	386	480	1650	602	347	320
AC-FT	27040	25990	18500	21060	21150	31760	28710	77710	165400	95680	28010	24320

WTR YR 1975 TOTAL 285035 MEAN 781 MAX 4380 MIN 174 AC-FT 565400

Operator
Supervisor

PROCESS DATE 15 02-04-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	452	---	300	210			---	677	1590	566	556	245
2	455	---	330	210			---	689	1490	526	500	216
3	451	---	400	210			---	751	1570	516	349	194
4	455	---	400	210			---	860	1630	481	321	190
5	451	---	400	210			486	930	1670	462	271	216
6	433	---	400	210			530	1040	1600	472	262	237
7	427	---	400	---			561	1050	1670	462	266	228
8	437	---	400	---			496	1050	1590	408	320	237
9	444	---	400	---			502	1120	1550	388	294	254
10	451	---	400	---			472	1180	1530	316	349	228
11	432	---	400	---			496	1200	1540	289	378	237
12	424	---	400	---			511	1260	1460	289	452	237
13	422	---	400	---			540	1350	1240	321	378	220
14	424	---	270	---			600	1260	1140	269	369	237
15	455	---	230	---			565	1400	1130	224	349	276
16	456	---	224	---			535	1720	1030	169	312	316
17	---	---	207	---			535	1710	930	147	294	312
18	---	---	220	---			540	1740	916	176	298	298
19	---	407	230	---			550	1650	938	202	307	289
20	---	392	250	---			561	1650	860	201	302	271
21	---	389	250	---			511	1970	784	452	312	276
22	---	389	250	---			481	1950	817	398	312	294
23	---	380	250	---			476	1440	888	359	321	349
24	---	380	250	---			466	1680	1080	345	289	354
25	---	380	250	---			511	1570	962	316	254	393
26	---	380	210	---			516	1430	832	271	241	428
27	---	300	210	---			550	1290	764	289	266	423
28	---	290	210	---			550	1300	701	340	289	383
29	---	290	210	---			530	1440	641	260	254	383
30	---	290	210	---			583	1600	611	228	245	374
31	---	---	210	---			---	1710	---	294	249	---
TOTAL	---	---	9171	---			---	42467	35154	10776	9959	8595
MEAN	---	---	296	---			---	1370	1172	348	321	287
MAX	---	---	400	---			---	1970	1670	566	556	428
MIN	---	---	207	---			---	677	611	147	241	190
AC-FT	---	---	18190	---			---	84230	69730	21370	19750	17050

PROCESS IS 01-11-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.28	0	.15	0								
2	.28	---	.12	0								
3	.28	---	.08	0								
4	.29	---	.06	0								
5	.30	.13	.06	0								
6	.24	.09	.06	0								
7	.29	.09	.06	0								
8	.37	.06	.06	0								
9	.28	.05	.04	0								
10	.27	.08	.03	0								
11	.26	.05	.03	0								
12	.28	.07	.03	0								
13	.33	.06	.03	0								
14	.33	.15	.03	0								
15	.32	.10	.03	---								
16	.29	.01	.03	---								
17	.29	0	.03	---								
18	.29	0	.02	---								
19	.28	0	0	---								
20	.28	.12	0	---								
21	.28	.25	0	---								
22	.40	.42	0	---								
23	.70	.40	0	---								
24	.51	.40	0	---								
25	.44	.38	0	---								
26	.30	.34	0	---								
27	.25	.27	0	---								
28	.25	.24	0	---								
29	.23	.21	0	---								
30	.08	.18	0	---								
31	0	---	0	---								
TOTAL	9.27	---	.95	---								
MEAN	.30	---	.031	---								
MAX	.70	---	.15	---								
MIN	0	---	0	---								
AC-FT	18	---	1.9	---								

Discontinued.

Unpublished Records
Subject to Revision

PROCESS DATE 01-11-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				0								
2				0								
3				0								
4				0								
5				0								
6				0								
7				---								
8				---								
9				---								
10				---								
11				---								
12				---								
13				---								
14				---								
15				---								
16				---								
17				---								
18				---								
19				---								
20				---								
21				---								
22				---								
23				---								
24				---								
25				---								
26				---								
27				---								
28				---								
29				---								
30				---								
31		---		---								
TOTAL	0	0	0	---								
MEAN	0	0	0	---								
MAX	0	0	0	---								
MIN	0	0	0	---								
AC-FT	0	0	0	---								

Discontinued

Unpublished Real-Time
Subject to Revision

PROCESS DATE 02-03-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.02	.07	.05	.04	.03	1.9	2.1	1.2	.91	.01	.04	.01
2	.02	.02	.05	.14	.03	1.5	2.0	1.3	.47	.07	.03	.01
3	.03	.01	.07	.05	.03	.74	2.1	1.5	.36	.14	.59	.01
4	.03	.02	.08	.04	.03	.73	2.0	1.7	.19	.02	.63	.01
5	.03	.02	.08	.04	.14	.75	2.2	1.7	.10	.02	.22	.01
6	.03	.08	.08	.04	.40	.92	6.0	2.0	.08	.02	.06	.08
7	.03	.06	.08	.05	.20	1.5	8.0	2.9	.06	.03	0	0
8	.03	.09	.08	.09	.15	1.2	1.5	2.5	.04	1.2	.02	0
9	.02	.08	.08	.12	55	1.4	1.2	35	.02	1.1	.10	0
10	.01	.07	.08	.10	61	1.7	1.2	8.4	.04	.43	.21	.01
11	.01	.06	.08	.11	19	2.7	1.2	3.7	.05	.36	.01	.01
12	.01	.03	.08	.10	8.8	2.6	1.2	3.2	.05	.29	.03	.01
13	.01	.02	.08	.11	4.8	1.9	1.2	2.8	.06	.26	.01	.01
14	.01	.04	.08	.19	3.8	2.3	1.7	2.7	.08	.22	.01	.01
15	.01	.11	.08	.05	3.2	2.3	1.9	2.4	.05	.19	.01	.01
16	.01	.10	.08	.04	3.7	2.2	2.4	2.5	.05	.19	.01	.01
17	.01	.10	.08	.04	3.0	2.9	3.1	2.8	.05	.22	.01	.01
18	.01	.06	.06	.04	2.6	3.4	4.1	2.8	.05	.26	.01	.01
19	.01	.06	.05	.04	3.0	3.5	4.1	2.7	.03	7.2	.01	.01
20	.01	.05	.05	.05	2.9	1.8	3.7	3.0	.02	3.2	.02	.01
21	.01	.08	.05	.03	1.9	1.8	3.0	3.5	.02	1.3	.01	.02
22	.03	.06	.06	.04	2.4	2.2	2.8	4.9	.06	.56	.02	.03
23	.53	.05	.06	.03	2.4	2.2	2.5	4.4	.21	.28	.03	.47
24	.20	.08	.06	.03	1.6	2.2	2.2	3.8	.05	.16	.03	1.4
25	.04	.07	.05	.05	1.4	2.4	1.9	3.2	.02	.28	.02	2.7
26	.05	.05	.05	.15	1.4	2.4	2.3	2.6	.01	.90	.02	5.8
27	.01	.05	.05	.21	1.7	2.1	2.0	2.2	.01	.75	.02	.22
28	.01	.05	.05	.12	1.3	2.0	1.7	1.7	0	.32	.01	.12
29	.01	.05	.05	.09	1.4	1.8	1.2	1.2	0	.10	.01	.12
30	.01	.05	.04	.02	---	2.3	1.1	1.1	0	.05	.01	.12
31	.41	---	.04	.02	---	2.0	---	1.3	---	.04	.01	---
TOTAL	1.66	1.74	2.01	2.27	187.31	61.34	73.6	116.7	3.13	20.17	2.19	11.24
MEAN	.054	.058	.065	.073	6.46	1.98	2.45	3.76	.10	.65	.071	.37
MAX	.53	.11	.08	.21	61	3.5	8.0	35	.91	7.2	.63	5.8
MIN	.01	.01	.04	.02	.03	.73	1.1	1.1	0	.01	0	0
AC-FT	3.3	3.5	4.0	4.5	372	122	146	231	6.2	40	4.3	22

CAL YR 1975 TOTAL 515.37 MEAN 1.41 MAX 41 MIN 0 AC-FT 1020
WTR YR 1976 TOTAL 483.36 MEAN 1.32 MAX 61 MIN 0 AC-FT 959

PROCESS DATE 01-11-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306425 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	---	---									
2	0	---	---									
3	0	---	---									
4	0	---	0									
5	0	---	0									
6	0	---	0									
7	0	---	0									
8	0	---	0									
9	0	---	0									
10	---	---	0									
11	---	0	0									
12	---	0	0									
13	---	0	0									
14	---	0	0									
15	---	---	---									
16	---	---	---									
17	---	---	0									
18	---	---	---									
19	---	---	---									
20	---	---	---									
21	---	---	---									
22	---	---	---									
23	---	---	---									
24	---	---	---									
25	---	---	---									
26	---	---	---									
27	---	---	---									
28	---	---	---									
29	---	---	---									
30	---	---	---									
31	---	---	---									
TOTAL	---	---	---	---								
MEAN	---	---	---	---								
MAX	---	---	---	---								
MIN	---	---	---	---								
AC-FT	---	---	---	---								

Discontinued.

Unpublished Record
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CH NR MOUTH NR WATSON,UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.08	.05	.06	.03	.05	1.2	1.6	1.6	1.0	.16	.50	.05
2	.08	.05	.05	.03	.05	.83	1.7	1.2	.54	.16	.50	.05
3	.08	.05	.05	.02	.05	.45	1.7	1.1	.54	.16	.50	.05
4	.08	.05	.05	.02	.05	.47	1.8	1.2	.54	.14	.70	.04
5	.08	.05	.05	.02	.05	.41	1.8	1.2	.54	.14	.36	.04
6	.08	.05	.05	.02	.05	.47	2.0	1.5	.51	.14	.20	.05
7	.06	.05	.04	.02	.05	.47	2.1	1.7	.48	.14	.42	.06
8	.03	.05	.04	.03	.05	.45	2.1	2.0	.48	.26	.26	.06
9	.03	.05	.05	.03	39	.47	1.7	2.3	.42	3.0	.10	.05
10	.03	.05	.04	.03	88	.49	1.4	72	.42	.20	.18	.05
11	.03	.06	.04	.03	60	1.2	1.2	1.5	.36	.20	.42	.20
12	.03	.06	.04	.04	30	.70	1.3	.78	.36	.20	.26	.42
13	.03	.06	.04	.04	30	.69	1.4	.72	.36	.20	.10	.09
14	.03	.06	.03	.04	7.4	.99	1.5	.68	.30	.20	.18	.09
15	.03	.06	.04	.04	2.3	1.0	1.7	.60	.28	.20	.42	.09
16	.03	.07	.03	.05	4.3	1.2	1.6	.65	.28	.20	.12	.09
17	.03	.07	.03	.05	3.2	1.5	1.8	.81	.28	.20	.10	.09
18	0	.07	.03	.05	2.6	1.9	1.9	1.1	.26	.20	.08	.09
19	0	.07	.03	.05	1.7	2.5	2.6	1.3	.26	2.2	.08	.09
20	.01	.07	.04	.05	.42	1.4	2.6	1.6	.26	.64	.08	.09
21	.03	.08	.03	.04	.30	1.4	1.7	2.3	.24	.60	.06	.09
22	.03	.08	.02	.04	.41	1.7	1.5	3.2	.24	.50	.06	.10
23	.05	.08	.02	.05	.38	2.2	1.4	2.9	.20	.50	.06	.66
24	.05	.08	.04	.05	.26	1.9	1.3	2.6	.20	.50	.06	.10
25	.05	.07	.05	.05	.54	2.5	1.2	2.5	.18	.50	.06	10
26	.05	.07	.05	.05	.36	1.8	1.8	1.8	.18	.50	.05	14
27	.05	.07	.05	.05	.69	1.9	1.9	1.1	.18	.50	.05	.73
28	.05	.07	.05	.05	.62	1.8	1.4	1.1	.18	.50	.05	.08
29	.05	.06	.05	.05	.78	1.5	1.1	.85	.16	.50	.05	.07
30	.05	.06	.05	.05	---	1.3	1.4	.72	.16	.50	.05	.07
31	.05	---	.04	.05	---	1.4	---	1.2	---	.50	.05	---
TOTAL	1.36	1.87	1.28	1.22	293.66	38.19	50.2	115.81	10.39	14.74	6.16	27.74
MEAN	.044	.062	.041	.039	10.1	1.23	1.67	3.74	.35	.48	.20	.92
MAX	.08	.08	.06	.05	88	2.5	2.6	72	1.0	3.0	.70	14
MIN	0	.05	.02	.02	.05	.41	1.1	.60	.16	.14	.05	.04
AC-FT	2.7	3.7	2.5	2.4	582	76	100	230	21	29	12	55

CAL YR 1975 TOTAL 409.10 MEAN 1.12 MAX 62 MIN 0 AC-FT 811
WTR YR 1976 TOTAL 562.62 MEAN 1.54 MAX 88 MIN 0 AC-FT 1120

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	448	520	305	205	305	900	465	664	1610	562	602	255
2	448	504	336	205	310	1000	421	678	1490	532	616	250
3	443	487	400	205	325	800	432	734	1580	520	416	222
4	443	479	400	205	340	500	443	854	1640	476	400	209
5	433	470	400	205	350	380	465	897	1690	465	379	204
6	439	465	400	205	350	380	532	940	1670	476	325	227
7	416	465	400	205	350	380	576	1020	1750	460	305	246
8	421	465	400	205	310	380	544	1070	1680	416	285	246
9	432	470	400	205	270	420	526	1140	1690	396	325	255
10	438	476	400	205	350	450	492	1200	1600	340	305	246
11	421	465	400	205	400	490	509	1220	1600	316	325	250
12	416	454	400	205	500	500	526	1250	1500	305	355	250
13	410	438	400	230	580	500	544	1380	1310	330	410	227
14	410	395	270	250	580	460	601	1300	1210	314	355	227
15	448	416	230	270	590	450	574	1430	1180	255	350	255
16	454	426	215	290	580	500	544	1640	1100	192	335	285
17	454	426	215	310	570	560	544	1710	978	173	309	300
18	448	421	230	320	520	610	544	1760	942	196	295	300
19	448	421	250	330	490	730	556	1870	969	222	300	300
20	448	405	250	340	490	800	562	1950	879	538	309	285
21	438	405	250	340	490	608	520	2050	783	498	305	290
22	432	375	250	330	490	580	492	2050	806	432	309	295
23	476	400	250	330	490	594	482	2020	870	385	309	340
24	482	400	250	320	450	594	487	1900	1060	360	319	350
25	492	350	250	320	450	568	514	1810	978	320	295	385
26	482	350	205	320	450	550	520	1610	838	285	260	426
27	465	305	205	310	500	498	550	1440	762	285	255	416
28	526	330	205	310	500	465	550	1420	699	340	270	374
29	504	300	205	300	600	443	526	1520	636	300	290	374
30	492	310	205	300	---	443	568	1670	601	270	260	369
31	504	---	205	300	---	410	---	1760	---	328	246	---
TOTAL	14011	12593	9181	8280	12980	16943	15609	43957	36101	11282	10419	8658
MEAN	452	420	296	267	448	547	520	1418	1203	364	336	289
MAX	526	520	400	340	600	1000	601	2050	1750	562	616	426
MIN	410	300	205	205	270	380	421	664	601	173	246	204
AC-FT	27790	24980	18210	16420	25750	33610	30960	87190	71610	22380	20670	17170

CAL YR 1975 TOTAL 281789 MEAN 772 MAX 3910 MIN 205 AC-FT 558900
WTR YR 1976 TOTAL 200014 MEAN 546 MAX 2050 MIN 173 AC-FT 396700

PROCESS DAT[illegible] 02-17-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	440	495	300	210			---	680	1750	615		
2	443	505	340	210			---	690	1560	566		
3	440	490	380	210			---	770	1520	542		
4	440	480	400	210			---	908	1650	506		
5	436	485	400	210			---	950	1660	490		
6	422	480	400	210			558	1080	1660	490		
7	415	475	400	---			584	1140	1700	482		
8	422	475	400	---			554	1180	1640	458		
9	430	475	400	---			534	1230	1570	---		
10	450	475	400	---			490	1240	1550	---		
11	430	470	400	---			510	1200	1550	---		
12	415	455	400	---			526	1270	1480	---		
13	410	445	390	---			542	1380	1300	---		
14	415	400	300	---			592	1310	1150	---		
15	435	400	250	---			574	1410	1120	---		
16	450	410	230	---			542	1720	1050	---		
17	450	410	220	---			542	1730	944	---		
18	450	410	220	---			542	1760	896	---		
19	450	410	230	---			550	1930	938	---		
20	450	410	250	---			558	2000	855	---		
21	440	400	250	---			518	2100	770	---		
22	440	390	250	---			490	2200	805	---		
23	460	390	250	---			482	2100	884	---		
24	480	390	250	---			490	2000	1060	---		
25	480	390	250	---			510	1860	998	---		
26	475	390	220	---			518	1750	890	---		
27	455	330	210	---			546	1530	795	---		
28	490	290	210	---			546	1410	745	---		
29	475	290	210	---			530	1460	675	---		
30	460	300	210	---			584	1590	651	---		
31	470	---	210	---			---	1750	---	---		
TOTAL	13818	12615	9230	---			---	45348	35816	---		
MEAN	446	421	298	---			---	1463	1194	---		
MAX	490	505	400	---			---	2200	1750	---		
MIN	410	290	210	---			---	680	651	---		
AC-FT	27410	25020	18310	---			---	89950	71040	---		

CAL YR 1975 TOTAL 273881 MEAN 750 MAX 3910 MIN 210 AC-FT 543200

PROCESS DATE 02-17-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	460	495	310	205	310	900	420	654	1710	560	397	223
2	470	498	350	205	320	1100	430	696	1520	520	732	223
3	460	495	410	205	330	1010	450	714	1570	500	406	204
4	460	500	410	205	340	666	460	828	1650	470	400	190
5	455	495	410	205	350	470	480	906	1690	445	380	176
6	440	495	410	205	360	430	515	990	1650	445	320	194
7	430	485	410	205	360	430	565	1070	1660	450	300	215
8	435	490	410	205	350	420	560	1120	1630	402	280	215
9	435	495	410	205	300	445	535	1170	1550	371	320	231
10	440	505	400	205	340	490	500	1250	1540	319	290	223
11	440	490	400	205	440	525	500	1220	1540	287	310	227
12	420	465	400	205	600	550	505	1260	1500	279	340	211
13	420	465	400	225	600	545	510	1370	1300	299	400	219
14	420	420	270	240	600	520	550	1330	1170	299	350	208
15	440	410	230	270	600	485	582	1400	1120	251	350	247
16	450	410	220	300	600	520	550	1650	1080	187	340	279
17	450	410	220	320	600	570	555	1740	936	166	320	307
18	450	410	220	320	560	600	545	1790	882	176	300	291
19	450	410	230	330	500	756	555	1920	924	190	300	291
20	450	410	250	340	500	846	576	2000	846	440	300	283
21	440	400	250	350	500	648	540	2140	762	515	300	279
22	440	400	250	340	500	576	500	2190	792	435	300	295
23	460	400	250	340	500	606	485	2110	870	384	300	347
24	480	400	250	330	450	600	490	1980	1070	351	320	351
25	490	400	250	325	450	565	525	1860	1050	319	300	402
26	485	400	220	320	450	555	525	1680	882	295	260	445
27	490	300	205	320	500	500	545	1460	798	255	223	440
28	490	310	205	315	550	465	565	1420	732	331	231	402
29	480	310	205	310	650	445	530	1500	654	311	271	393
30	480	310	205	300	---	450	555	1660	618	255	243	388
31	480	---	205	300	---	435	---	1620	---	259	219	---
TOTAL	14090	12883	9265	8355	13510	18123	15603	44898	35696	10766	10102	8399
MEAN	455	429	299	270	466	585	520	1448	1190	347	326	280
MAX	490	505	410	350	650	1100	582	2190	1710	560	732	445
MIN	420	300	205	205	300	420	420	654	618	166	219	176
AC-FT	27950	25550	18380	16570	26800	35950	30950	89060	70800	21350	20040	16660

CAL YR 1975 TOTAL 285209 MEAN 781 MAX 4380 MIN 205 AC-FT 565700
WTR YR 1976 TOTAL 201690 MEAN 551 MAX 2190 MIN 166 AC-FT 400100

PROCESS DATE IS 02-16-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1				0	---	.01		0	0	.65	0	0
2				0	---	0		0	0	0	0	0
3				0	---	0		0	0	0	0	0
4				0	---	0		0	0	0	0	0
5				0	---	0		0	0	0	0	0
6				0	---	0		0	0	0	0	.40
7				---	---	0		0	0	0	0	0
8				---	---	0		0	0	0	.40	0
9				---	---	0		0	0	0	0	0
10				---	---	0		.61	0	0	0	0
11				---	---	0		0	0	0	0	0
12				---	---	0		0	0	0	0	.40
13				---	---	0		0	0	0	0	0
14				---	---	0		0	0	0	0	0
15				---	---	0		0	0	0	0	0
16				---	---	0		0	0	0	0	0
17				---	---	0		0	0	0	0	0
18				---	---	0		0	0	0	0	0
19				---	---	0		0	0	0	0	0
20				---	---	0		0	0	0	0	0
21				---	---	0		0	0	0	0	0
22				---	---	0		.16	.40	0	0	0
23				---	---	0		.01	.60	0	0	0
24				---	0	0		0	0	0	0	.38
25				---	0	0		0	0	0	0	.60
26				---	0	0		0	0	0	0	0
27				---	.39	0		0	0	0	0	0
28				---	.13	0		0	0	0	0	0
29				---	.11	0		0	0	0	0	0
30				---	---	0		0	0	0	0	0
31		---		---	---	0	---	0	---	0	0	---
TOTAL	0	0	0	---	---	.01	0	.78	1.00	.65	.40	1.78
MEAN	0	0	0	---	---	.0003	0	.025	.033	.021	.013	.059
MAX	0	0	0	---	---	.01	0	.61	.60	.65	.40	.60
MIN	0	0	0	---	---	0	0	0	0	0	0	0
AC-FT	0	0	0	---	---	.02	0	1.5	2.0	1.3	.8	3.5

CAL YR 1975 TOTAL 41.90 MEAN .11 MAX 15 MIN 0 AC-FT 83

PROCESS DATE 02-16-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			0		0							
2			0		0							
3			0		0							
4			0		0							
5			0		0							
6			0		0							
7			0		0							
8			0		0							
9			0		0							
10			0		0							
11			0		.01							
12			0		.01							
13			0		.01							
14			0		0							
15			0		0							
16			0		0							
17			.20		0							
18			0		0							
19			0		0							
20			0		0							
21			0		0							
22			0		0							
23			0		0							
24			0		0							
25			0		0							
26			0		0							
27			0		0							
28			0		0							
29			0		0							
30			0		---							
31		---	0		---		---		---			---
TOTAL	0	0	.20	0	.03	0	0	0	0	0	0	0
MEAN	0	0	.007	0	.001	0	0	0	0	0	0	0
MAX	0	0	.20	0	.01	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	.4	0	.06	0	0	0	0	0	0	0

CAL YR 1975 TOTAL 0.97 MEAN .0030 MAX .49 MIN 0 AC-FT 1.9
WTR YR 1976 TOTAL 0.23 MEAN .0006 MAX .20 MIN 0 AC-FT .5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1			0		0				0			0
2			0		0				0			0
3			0		0				0			0
4			0		0				0			0
5			0		0				0			0
6			0		0				0			.05
7			0		0				0			0
8			0		0				0			0
9			0		0				0			0
10			0		.42				0			0
11			0		.15				0			0
12			0		.10				0			0
13			0		0				0			0
14			0		0				0			0
15			0		0				0			0
16			.03		0				0			0
17			0		0				0			0
18			0		0				0			0
19			0		0				0			0
20			0		0				0			0
21			0		0				0			0
22			0		0				1.8			0
23			0		0				0			0
24			0		0				0			0
25			0		0				0			0
26			0		0				0			0
27			0		0				0			0
28			0		0				0			0
29			0		0				0			0
30			0		---				0			0
31		---	0		---		---		---			---
TOTAL	0	0	.03	0	.67	0	0	0	1.8	0	0	.05
MEAN	0	0	.001	0	.023	0	0	0	.060	0	0	.002
MAX	0	0	.03	0	.42	0	0	0	1.8	0	0	.05
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	.06	0	1.3	0	0	0	3.6	0	0	.10

CAL YR 1975 TOTAL 11.53 MEAN .032 MAX 4.7 MIN 0 AC-FT 23
WTR YR 1976 TOTAL 2.55 MEAN .0070 MAX 1.8 MIN 0 AC-FT 5.1

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					0				0			0
2					0				0			0
3					0				0			0
4					0				0			0
5					0				0			0
6					0				0			0
7					0				0			0
8					0				0			0
9					0				0			0
10					4.0				0			0
11					2.0				0			0
12					1.0				0			.15
13					.20				0			0
14					0				0			0
15					0				0			0
16					0				0			0
17					0				0			0
18					0				0			0
19					0				0			0
20					0				0			0
21					0				0			0
22					0				.10			0
23					0				0			0
24					0				0			0
25					0				0			1.5
26					0				0			0
27					0				0			0
28					0				0			0
29					0				0			0
30					---				0			0
31		---			---		---		---			---
TOTAL	0	0	0	0	7.20	0	0	0	.10	0	0	1.65
MEAN	0	0	0	0	.25	0	0	0	.003	0	0	.055
MAX	0	0	0	0	4.0	0	0	0	.10	0	0	1.5
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	0	14	0	0	0	.2	0	0	3.3

CAL YR 1975 TOTAL 5.31 MEAN .015 MAX 2.5 MIN 0 AC-FT 11
WTR YR 1976 TOTAL 8.95 MEAN .025 MAX 4.0 MIN 0 AC-FT 18

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					0				0			0
2					0				0			0
3					0				0			0
4					0				0			0
5					0				0			0
6					0				0			.03
7					0				0			0
8					0				0			0
9					0				0			0
10					2.5				0			0
11					2.0				0			0
12					.90				0			.01
13					.78				0			0
14					.62				0			0
15					.30				0			0
16					0				0			0
17					0				0			0
18					0				0			0
19					0				0			0
20					0				0			0
21					0				0			0
22					0				4.4			0
23					0				0			0
24					0				0			0
25					0				0			2.1
26					0				0			.07
27					0				0			0
28					0				0			0
29					0				0			0
30					---				0			0
31		---			---		---		---			---
TOTAL	0	0	0	0	7.10	0	0	0	4.4	0	0	2.21
MEAN	0	0	0	0	.24	0	0	0	.15	0	0	.074
MAX	0	0	0	0	2.5	0	0	0	4.4	0	0	2.1
MIN	0	0	0	0	0	0	0	0	0	0	0	0
AC-FT	0	0	0	0	14	0	0	0	8.7	0	0	4.4

CAL YR 1975 TOTAL 9.12 MEAN .025 MAX 4.7 MIN 0 AC-FT 18
WTR YR 1976 TOTAL 13.71 MEAN .038 MAX 4.4 MIN 0 AC-FT 27

Temperature Data

1974-75, 1975-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.0	6.5	0.5	0.0	1.0	0.5	3.5	11.0	13.0	16.5	20.0	19.0
2	14.0	7.0	0.5	0.0	1.0	0.5	3.5	12.0	14.0	17.5	20.5	19.5
3	13.5	6.5	0.5	0.0	1.0	0.5	4.0	13.0	14.5	18.0	21.0	19.0
4	13.5	6.5	0.5	0.5	1.0	0.5	6.0	12.0	15.0	18.0	21.5	19.5
5	13.5	5.5	1.5	0.5	1.0	0.5	8.0	9.5	15.0	19.0	21.5	19.5
6	13.0	5.0	0.5	0.5	1.0	0.5	8.5	9.0	15.5	19.0	22.0	19.0
7	13.0	4.5	0.5	0.5	1.0	0.5	7.0	8.5	16.5	19.5	22.0	19.5
8	13.0	4.0	0.5	0.5	1.0	0.5	5.0	9.5	15.0	20.0	21.0	19.5
9	12.5	5.5	0.5	0.5	1.0	0.5	5.5	11.5	13.0	20.0	21.5	20.0
10	12.5	5.5	1.5	0.5	0.5	0.5	7.0	13.5	12.0	20.0	21.5	20.0
11	12.5	5.0	2.5	0.5	0.5	0.5	8.5	15.5	11.5	20.0	21.5	17.5
12	12.0	4.0	3.0	0.5	1.0	0.5	8.5	14.0	12.5	20.0	21.0	17.0
13	12.0	3.0	2.0	0.5	1.0	0.5	9.0	14.0	14.5	20.0	20.0	17.0
14	12.0	3.0	2.5	0.5	1.0	0.5	9.5	15.5	15.5	20.0	19.5	17.5
15	11.0	4.0	2.5	0.5	1.0	1.0	10.0	16.0	16.0	20.0	19.0	18.0
16	11.0	3.5	1.5	0.5	0.0	1.5	10.0	16.5	16.0	20.0	20.5	18.5
17	11.0	2.5	1.0	0.5	1.0	1.5	10.0	16.0	14.5	19.0	20.0	18.5
18	11.5	2.5	1.0	0.5	1.0	2.0	9.0	15.5	12.0	20.0	20.0	17.0
19	11.5	3.0	0.5	0.5	1.0	2.0	9.0	14.5	11.0	22.0	19.0	15.0
20	11.5	2.5	0.5	0.5	1.0	2.5	11.5	13.5	11.0	22.5	18.5	14.0
21	12.0	2.0	0.0	0.5	0.5	5.0	12.5	12.5	12.0	22.0	19.5	13.5
22	11.5	2.0	0.0	0.5	0.5	5.5	12.5	10.5	13.5	21.5	19.5	13.5
23	11.5	3.0	0.0	0.5	1.0	4.5	12.5	10.0	14.5	22.0	19.5	13.5
24	10.5	2.5	0.0	0.5	1.0	4.0	13.0	10.5	15.5	22.5	19.0	13.5
25	11.0	1.5	0.5	0.5	0.5	4.5	13.0	12.0	14.5	22.5	18.0	13.5
26	10.5	0.5	0.5	0.5	0.5	5.0	10.5	12.5	13.5	22.5	19.0	14.0
27	10.0	0.5	0.0	0.5	0.5	3.5	9.5	13.0	14.0	22.5	18.5	14.0
28	10.0	0.5	0.0	0.5	0.5	3.0	8.5	12.5	15.5	21.5	18.5	13.5
29	9.0	0.5	0.5	0.5	---	3.0	8.5	11.5	16.0	21.0	18.5	13.5
30	7.5	0.5	0.5	0.5	---	3.0	10.0	11.0	16.5	21.0	19.0	13.5
31	6.5	---	0.5	1.0	---	3.5	---	12.0	---	20.0	19.0	---
MEAN	11.5	3.5	1.0	0.5	1.0	2.0	9.0	12.5	14.0	20.5	20.0	16.5

YEAR	MAX	22.5	MIN	0.0	MEAN	9.5

PROCESS DATE 08-31-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---	1.0		---		---	---	---
2					---	4.5		---		---	---	---
3					---	---		---		---	---	---
4					---	---		---		---	---	---
5					---	---		---		---	---	---
6					---	---		---		---	---	---
7					---	---		---		---	---	---
8					---	---		---		---	---	---
9					---	---		---		---	---	---
10					---	---		---		---	---	19.5
11					---	---		---		---	---	---
12					---	---		---		---	19.0	---
13					---	---		---		---	---	---
14					---	---		---		---	17.0	16.5
15					---	---		---		---	17.5	16.5
16					---	---		---		20.0	---	---
17					---	---		---		20.5	---	---
18					---	---		---		---	---	---
19					---	---		---		---	---	---
20					---	---		---		---	---	---
21					---	---		---		---	---	---
22					---	---		---		---	---	---
23					---	---		---		---	---	---
24					---	---		---		---	---	---
25					---	---		---		---	---	---
26					---	---		---		---	---	---
27					---	---		---		---	---	---
28					3.0	---		---		---	---	---
29					---	---		12.0		---	---	---
30					---	---		---		---	---	---
31					---	---		---		---	---	---
MEAN					---	---		---		---	---	---

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.0	7.5	0.0	0.5	1.5	0.0	2.5	8.0	16.5	18.0	18.0	---
2	14.0	7.0	0.0	0.5	0.5	0.5	2.5	8.5	17.5	19.0	16.0	---
3	13.5	5.5	0.0	0.5	0.5	0.5	2.5	9.0	17.5	20.0	16.5	---
4	13.5	6.0	0.0	0.5	1.0	1.5	3.0	9.0	18.0	20.0	17.0	---
5	13.5	3.5	0.5	0.5	1.0	2.5	3.0	6.0	18.0	20.5	17.0	---
6	13.0	4.0	1.0	0.5	0.5	3.0	4.0	7.0	18.0	21.5	18.0	---
7	13.0	3.5	0.5	0.0	1.0	4.0	4.0	7.0	18.0	21.5	---	---
8	13.0	4.0	0.0	0.0	2.0	5.5	4.0	10.0	19.0	17.0	---	---
9	12.5	6.5	0.0	0.5	2.0	5.5	4.5	10.0	16.0	18.5	---	17.0
10	12.5	4.0	0.0	0.5	2.0	4.5	4.5	11.0	17.0	18.5	18.0	15.0
11	12.5	3.0	0.0	0.5	2.0	3.5	9.0	11.0	17.0	19.5	19.5	16.5
12	11.5	2.5	0.0	0.0	2.0	4.0	7.0	10.0	17.0	21.5	18.0	17.0
13	10.5	4.5	0.0	0.0	2.0	4.5	7.0	11.0	17.0	19.5	16.5	15.0
14	10.0	4.5	0.0	0.5	2.5	3.5	7.0	13.0	18.0	17.0	13.5	14.5
15	9.0	4.5	0.0	0.5	3.0	4.0	7.0	12.0	18.0	19.5	14.5	14.0
16	9.5	3.0	0.5	0.5	2.5	4.0	8.0	12.0	18.0	17.5	15.0	15.5
17	10.0	2.5	0.0	0.5	2.5	3.5	7.0	13.0	17.0	16.0	14.5	15.5
18	10.0	3.0	0.0	1.0	2.0	3.5	7.0	13.0	16.0	17.0	15.0	12.5
19	10.0	3.5	0.0	1.0	1.5	4.0	7.0	13.0	17.0	17.5	---	11.0
20	10.0	2.0	0.0	1.0	2.0	5.0	9.0	11.5	16.0	18.0	16.5	9.5
21	11.0	2.0	0.0	1.0	1.0	5.5	9.5	8.5	16.0	18.0	---	10.0
22	11.0	4.0	0.0	0.5	1.0	5.0	10.0	9.0	19.0	17.5	17.0	10.0
23	10.5	4.5	0.0	0.5	1.0	3.5	11.0	10.5	19.0	21.5	---	---
24	9.5	1.5	0.0	1.0	1.5	3.0	11.5	12.5	18.5	20.0	---	---
25	9.0	1.0	0.0	2.0	2.0	4.0	10.5	12.5	13.5	19.5	---	---
26	8.5	0.5	0.0	2.0	2.5	4.0	6.0	11.0	14.5	20.0	---	---
27	9.0	0.0	0.0	1.5	3.0	2.5	7.0	12.0	15.5	20.5	---	---
28	9.5	0.0	0.5	1.0	3.5	2.0	6.5	10.5	16.5	19.5	---	---
29	8.0	0.0	0.0	0.5	---	2.0	6.5	8.5	17.0	19.5	---	---
30	6.5	0.0	0.0	0.5	---	2.0	8.5	11.5	17.5	18.5	---	---
31	7.0	---	0.0	1.0	---	3.0	---	15.5	---	18.0	---	---
MEAN	11.0	3.5	0.0	0.5	2.0	3.5	6.5	10.5	17.0	19.0	---	---
YEAR	MAX	21.5	MIN	0.0	MEAN	8.0						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN												

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE 08-31-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.0	7.5	1.5	1.5	1.0	0.5	2.5	6.5	13.5	15.0	17.0	16.0
2	14.0	7.5	2.0	1.5	1.0	0.5	2.5	7.5	14.0	15.5	15.5	16.0
3	13.5	7.5	2.0	1.5	0.5	1.0	3.0	8.0	14.5	16.5	15.0	15.0
4	13.5	7.0	1.5	1.5	0.5	1.0	3.0	8.5	16.0	17.0	16.5	16.0
5	13.5	5.5	1.5	1.0	1.0	1.0	3.5	6.0	15.5	17.5	17.0	16.0
6	13.0	5.0	2.0	1.0	1.0	1.5	4.0	7.0	16.5	17.5	18.0	15.0
7	13.0	5.0	2.0	1.5	1.0	2.0	4.0	7.0	16.5	18.0	18.0	16.0
8	13.0	5.0	1.5	1.0	1.0	2.5	4.0	8.5	15.0	17.5	16.0	16.0
9	12.5	6.5	1.0	1.0	0.5	3.0	5.0	9.0	13.5	17.0	17.0	15.0
10	12.5	5.5	1.5	1.0	0.5	3.5	4.5	9.0	12.5	19.5	17.0	15.0
11	12.5	5.0	1.5	1.0	0.5	3.5	5.0	10.0	13.0	18.5	19.0	15.0
12	11.5	4.5	1.5	0.5	0.5	3.0	5.5	9.5	13.5	18.5	18.0	15.0
13	10.5	5.0	1.5	0.5	1.0	3.0	6.0	10.0	14.0	18.0	16.0	15.0
14	10.0	5.5	1.5	0.0	1.0	2.5	6.5	13.0	14.5	18.0	15.0	15.0
15	9.0	5.5	1.5	0.0	1.0	3.0	6.5	11.5	14.5	20.0	15.0	15.0
16	9.5	5.0	1.5	0.0	1.0	4.0	7.5	11.5	15.0	17.5	16.0	15.0
17	10.0	4.5	1.5	0.5	1.0	4.0	7.0	12.5	14.0	15.5	16.0	14.0
18	9.5	5.0	1.5	0.5	1.0	3.5	6.0	12.0	12.5	17.0	16.0	14.0
19	9.5	5.0	1.5	1.0	1.0	4.5	5.5	12.5	11.0	17.0	---	14.0
20	10.0	4.0	1.5	1.0	1.0	5.5	7.5	11.5	12.0	17.5	---	14.0
21	10.5	4.0	1.5	1.0	0.5	6.0	7.5	8.5	11.5	17.5	---	14.0
22	10.0	4.5	1.5	1.0	0.5	5.0	9.0	9.0	14.5	19.0	---	14.0
23	10.5	5.0	1.5	1.0	0.5	4.0	10.5	10.5	15.0	17.5	17.0	14.0
24	9.0	3.5	1.0	1.0	0.5	3.5	9.5	12.5	15.0	16.5	15.0	14.0
25	9.0	3.0	1.0	1.5	0.5	4.5	9.5	12.5	12.0	17.0	15.0	13.0
26	8.5	2.5	1.5	1.5	1.0	4.5	5.5	11.5	12.5	17.5	16.0	13.0
27	9.0	2.5	1.5	1.0	1.0	3.0	6.0	12.0	14.0	---	15.0	13.0
28	9.0	2.5	1.0	1.0	1.0	2.5	5.5	10.0	15.0	---	16.0	13.0
29	8.0	2.0	1.0	1.0	---	2.0	5.5	10.0	15.0	---	15.0	13.0
30	6.5	1.5	1.5	1.0	---	2.5	7.0	14.0	15.0	18.0	16.0	13.0
31	6.5	---	1.5	1.0	---	3.0	---	13.5	---	17.5	15.0	---
MEAN	10.5	4.5	1.5	1.0	1.0	3.0	6.0	10.0	14.0	17.5	16.0	14.5
YEAR	MAX	20.0	MIN	0.0	MEAN	8.0						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306425 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											---	0.0
2											---	0.0
3											---	0.0
4											---	0.0
5											0.0	0.0
6											0.0	0.0
7											0.0	0.0
8											0.0	0.0
9											0.0	0.0
10											0.0	0.0
11											0.0	0.0
12											0.0	0.0
13											0.0	0.0
14											0.0	0.0
15											0.0	0.0
16											0.0	0.0
17											0.0	0.0
18											0.0	0.0
19											0.0	0.0
20											0.0	0.0
21											0.0	0.0
22											0.0	0.0
23											0.0	0.0
24											0.0	0.0
25											0.0	0.0
26											0.0	0.0
27											0.0	14.5
28											0.0	13.5
29											0.0	15.0
30											0.0	15.0
31											0.0	---
MEAN											0.0	2.0

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.0	8.0	0.5	0.0	3.0	1.0	4.0	9.0	15.0	14.0	17.5	15.5
2	14.0	7.5	0.5	0.0	1.5	1.0	2.5	9.5	14.5	14.5	16.5	16.0
3	13.5	7.0	0.0	0.0	1.5	1.0	3.5	10.0	15.0	15.5	16.0	15.0
4	13.5	6.5	0.0	0.0	2.0	1.0	5.5	9.0	15.0	16.0	16.5	16.0
5	13.5	5.5	2.0	0.0	2.5	1.0	5.0	7.5	14.5	16.0	17.0	15.5
6	13.0	5.0	2.5	0.0	1.0	1.0	5.5	7.0	14.5	16.5	18.0	15.0
7	13.0	6.0	1.5	0.0	2.0	2.0	5.0	7.5	14.5	17.5	17.5	16.0
8	13.0	5.0	0.5	0.0	2.5	3.0	4.0	10.0	15.0	20.0	16.0	16.0
9	12.5	7.0	0.0	0.0	3.5	3.5	5.0	10.5	12.5	21.5	17.0	17.5
10	12.5	6.0	0.0	0.0	4.0	4.0	7.0	11.5	13.0	20.0	16.5	15.5
11	12.5	4.5	0.0	0.0	2.5	4.5	7.5	12.0	13.0	18.5	18.5	15.5
12	11.5	5.0	0.0	0.0	2.5	3.5	7.5	10.5	12.5	18.0	18.0	16.0
13	10.5	4.5	0.0	0.0	3.5	4.5	8.0	12.0	12.5	17.5	15.5	15.0
14	10.0	4.5	0.0	0.0	4.5	5.0	8.0	13.0	14.0	16.0	15.0	15.5
15	9.0	5.5	0.0	0.0	4.5	5.5	8.5	12.5	13.5	19.0	15.0	15.0
16	9.5	4.5	0.0	0.0	4.0	5.5	8.5	12.5	14.0	17.5	15.5	15.5
17	10.0	3.5	0.0	0.0	4.5	5.5	8.0	13.5	13.0	18.0	15.5	15.0
18	10.0	4.0	0.0	0.0	3.0	5.0	7.5	13.0	11.5	18.0	15.5	13.0
19	10.0	5.0	0.0	0.0	2.5	6.0	8.0	13.0	12.0	17.0	15.5	12.0
20	10.0	3.0	0.0	0.0	4.0	6.5	9.5	11.5	11.0	17.0	16.0	10.5
21	11.0	2.5	0.0	0.0	2.5	7.5	10.0	8.5	12.0	16.5	16.5	11.0
22	11.0	4.0	0.5	0.0	1.5	5.5	10.0	9.0	14.5	17.0	16.5	11.0
23	10.5	5.0	0.0	0.0	2.0	4.0	10.5	10.0	14.5	16.5	16.5	11.0
24	9.5	3.0	0.0	0.0	2.0	4.5	10.5	12.5	13.5	16.0	15.0	11.5
25	9.0	2.0	0.0	0.0	3.0	6.0	9.5	12.0	11.5	17.0	14.5	12.0
26	8.5	2.0	0.0	1.0	3.5	5.0	6.5	11.0	12.0	17.0	16.0	11.5
27	9.0	1.5	0.5	2.0	4.5	3.0	8.0	11.5	13.0	17.0	14.5	12.0
28	9.5	2.5	0.0	2.5	3.0	2.0	7.0	10.5	13.5	17.5	15.5	11.0
29	8.0	1.0	0.5	0.5	---	2.0	7.0	9.5	13.5	16.5	15.0	11.5
30	6.5	0.5	0.5	1.0	---	3.5	9.0	13.0	13.5	17.5	15.5	11.0
31	7.0	---	0.5	2.5	---	4.0	---	15.0	---	17.0	15.0	---
MEAN	11.0	4.5	0.5	0.5	3.0	4.0	7.0	11.0	13.5	17.0	16.0	14.0

YEAR MAX 21.5 MIN 0.0 MEAN 8.5

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.0	7.0	0.0	0.0	1.0	0.0	2.5	10.5	14.0	16.5	21.5	19.0
2	14.0	7.0	0.0	0.0	1.0	0.0	3.0	11.5	15.0	16.5	20.5	19.5
3	13.5	7.0	0.0	0.0	1.0	0.0	4.0	12.5	15.5	17.0	21.0	19.0
4	13.5	6.5	0.0	0.0	0.5	0.0	6.0	12.0	16.0	17.5	22.0	19.5
5	13.5	5.5	0.0	0.0	0.0	0.0	7.5	9.5	15.5	18.0	22.0	19.5
6	13.0	5.0	0.0	0.0	0.0	0.0	8.5	9.0	16.0	18.5	22.5	19.0
7	13.0	4.5	0.0	0.0	0.0	0.0	6.5	8.5	16.0	19.0	22.5	19.5
8	13.0	4.5	0.0	0.0	0.0	0.0	5.0	9.5	15.5	19.5	21.5	19.5
9	12.5	6.0	0.0	0.0	0.0	0.0	5.5	11.5	14.5	20.0	21.5	20.0
10	12.5	6.0	0.0	0.0	0.0	0.0	6.5	13.0	13.0	20.0	21.5	19.5
11	12.5	5.0	0.0	0.0	0.0	0.0	8.0	15.0	12.5	20.0	22.0	18.0
12	12.0	4.0	0.0	0.0	0.0	0.0	8.0	14.0	12.5	20.0	21.0	18.0
13	12.0	3.0	0.0	0.0	0.0	0.0	9.0	14.5	14.0	20.5	20.5	18.0
14	12.0	3.5	0.0	0.0	0.0	0.5	9.5	16.0	15.5	20.5	19.5	18.0
15	11.0	3.5	0.0	0.0	0.0	1.0	9.5	17.0	16.0	20.5	19.5	18.0
16	11.0	3.0	0.0	0.0	0.0	1.0	10.0	16.5	16.0	20.5	20.5	18.0
17	11.0	2.5	0.0	0.0	0.0	1.5	10.0	16.0	15.5	19.5	20.0	18.5
18	11.5	3.0	0.0	0.0	0.0	2.0	9.0	15.5	13.5	19.5	20.5	16.5
19	11.5	3.0	0.0	0.0	0.0	2.5	9.0	14.5	12.0	20.5	19.5	15.0
20	11.5	2.5	0.0	0.0	0.0	3.0	11.0	13.0	11.5	22.0	19.0	14.0
21	12.0	2.0	0.0	0.0	0.0	7.5	12.0	12.0	12.0	22.0	19.5	13.5
22	11.5	2.5	0.0	0.5	0.0	6.5	12.5	11.0	12.5	22.0	20.0	13.0
23	11.5	3.0	0.0	1.0	0.0	4.0	12.5	10.5	14.0	22.5	19.5	13.0
24	10.5	2.5	0.0	1.0	0.0	4.0	13.0	11.0	14.5	23.0	19.0	13.5
25	11.0	2.0	0.0	1.0	0.0	5.0	13.0	12.5	15.0	23.0	18.0	13.5
26	10.5	1.0	0.0	1.0	0.0	4.5	10.5	13.0	13.5	23.0	19.0	13.5
27	10.0	0.5	0.0	1.0	0.0	2.0	9.5	13.5	14.0	23.5	18.5	14.0
28	10.0	1.0	0.0	1.0	0.0	0.5	8.5	13.0	14.5	23.0	18.5	13.5
29	9.0	0.0	0.0	1.0	---	0.5	8.0	12.0	15.5	22.5	18.5	13.0
30	7.5	0.0	0.0	1.0	---	2.0	9.5	11.0	16.0	22.0	19.0	13.0
31	7.0	---	0.0	0.5	---	3.5	---	12.0	---	22.0	19.0	---
MEAN	11.5	3.5	0.0	0.5	0.0	1.5	8.5	12.5	14.5	20.5	20.0	16.5

YEAR MAX 23.5 MIN 0.0 MEAN 9.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.0	7.0	0.0	0.5	0.0	0.0	3.0	10.0	15.5	17.0	21.5	19.0
2	14.0	7.0	0.0	0.5	0.0	0.0	3.5	10.5	16.5	17.5	20.5	19.5
3	13.5	7.0	0.0	0.5	0.0	0.0	3.5	11.5	16.5	18.0	21.0	19.0
4	13.5	6.5	1.0	0.5	0.0	0.0	4.0	11.5	16.0	18.5	21.5	19.5
5	13.5	5.5	2.0	0.5	0.0	0.0	4.5	10.0	16.0	19.0	22.0	19.5
6	13.0	5.0	0.5	0.5	0.0	0.0	4.5	9.5	16.5	19.5	22.5	19.5
7	13.0	4.5	0.0	0.5	0.0	0.0	4.5	8.5	16.5	20.0	22.5	19.5
8	13.0	4.5	0.5	0.5	0.0	0.0	6.0	10.0	15.0	20.0	22.0	19.5
9	12.5	6.0	0.5	0.5	0.0	0.0	5.5	12.0	13.5	20.5	22.0	20.0
10	12.5	5.5	0.5	0.5	0.0	0.5	5.5	14.0	12.5	20.5	22.0	19.0
11	12.5	4.5	0.5	0.5	0.0	0.5	8.0	16.0	12.0	20.5	22.0	19.0
12	12.0	4.0	0.5	0.5	0.0	1.0	8.5	14.0	12.5	21.0	21.5	17.0
13	12.0	3.5	0.5	0.5	0.0	1.0	9.0	15.0	15.5	20.5	20.0	17.0
14	12.5	3.5	0.5	0.5	0.0	1.0	9.5	16.5	16.5	21.0	19.5	18.0
15	11.0	4.0	0.5	0.5	0.0	1.0	9.5	17.0	17.0	21.0	19.5	18.0
16	11.0	3.5	0.5	0.5	0.0	1.5	10.0	16.5	16.5	20.0	20.5	18.0
17	11.0	3.0	0.5	0.5	0.0	1.5	10.0	16.5	14.5	19.0	20.5	18.0
18	11.5	3.0	0.5	0.5	0.0	2.0	9.0	15.5	12.0	20.5	20.5	17.0
19	11.5	3.5	0.5	0.0	0.0	2.5	9.0	13.5	11.0	22.0	19.5	15.0
20	11.5	2.5	0.5	0.0	0.0	3.0	10.5	12.0	11.0	22.5	19.0	15.0
21	11.5	2.5	0.5	0.0	0.0	4.0	11.5	10.5	12.0	22.0	19.5	14.0
22	11.5	3.0	0.5	0.0	0.0	5.5	12.0	9.5	13.5	22.0	20.0	14.0
23	11.5	3.5	0.5	0.0	0.0	4.5	12.0	10.0	14.5	22.5	20.0	13.0
24	10.5	3.0	0.5	0.0	0.0	4.0	13.0	12.0	15.5	23.0	19.0	14.0
25	11.0	2.0	1.0	0.0	0.0	4.5	13.0	13.5	14.5	23.0	18.0	14.0
26	10.5	1.5	1.0	0.0	0.0	5.0	10.5	14.0	13.5	23.0	19.0	14.0
27	10.0	0.5	1.0	0.0	0.0	4.0	9.5	13.5	14.0	23.5	18.5	14.0
28	10.0	1.0	0.5	0.0	0.0	3.5	8.5	12.5	15.5	23.5	18.5	14.0
29	9.0	0.5	0.5	0.0	---	3.0	8.5	11.0	16.5	22.5	19.0	13.0
30	7.5	0.0	0.5	0.0	---	2.5	9.5	11.0	16.5	22.0	19.0	13.0
31	7.0	---	0.5	0.0	---	3.5	---	13.5	---	22.0	19.5	---
MEAN	11.5	3.5	0.5	0.5	0.0	2.0	8.0	12.5	14.5	21.0	20.5	17.0

YEAR MAX 23.5 MIN 0.0 MEAN 9.5

PROCESS DATE 08-31-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---							
2					---							
3					---							
4					---							
5					---							
6					---							
7					---							
8					---							
9					---							
10					---							
11					---							
12					---							
13					---							
14					---							
15					---							
16					---							
17					---							
18					---							
19					---							
20					---							
21					---							
22					---							
23					---							
24					---							
25					---							
26					---							
27					0.0							
28					0.0							
29					---							
30					---							
31					---							
MEAN					---							

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	11.0			---	0.0	---					
2	---	11.0			---	---	---					
3	---	---			---	---	---					
4	---	---			---	---	---					
5	---	---			---	---	3.0					
6	---	---			---	---	---					
7	---	---			---	---	---					
8	---	---			---	---	---					
9	---	---			---	---	---					
10	---	10.0			---	---	---					
11	---	---			---	---	---					
12	---	---			---	---	---					
13	---	---			---	---	---					
14	---	---			---	---	---					
15	---	---			---	---	---					
16	---	---			---	---	---					
17	---	---			---	---	---					
18	---	---			---	---	---					
19	---	---			---	---	---					
20	---	---			---	---	---					
21	---	---			---	---	---					
22	---	---			---	---	---					
23	---	---			---	---	---					
24	---	---			---	---	---					
25	---	---			---	---	---					
26	---	---			---	---	---					
27	---	---			0.0	---	---					
28	---	---			0.0	---	---					
29	---	---			---	---	---					
30	12.0	---			---	---	---					
31	12.0	---			---	---	---					
MEAN	---	---			---	---	---					

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---					---	---	---
2					---					---	---	---
3					---					---	---	---
4					---					---	---	---
5					---					---	---	---
6					---					---	---	---
7					---					---	---	---
8					---					---	---	---
9					---					---	---	---
10					---					---	---	16.0
11					---					---	---	---
12					---					---	19.0	---
13					---					---	19.0	---
14					---					---	---	---
15					---					20.0	---	---
16					---					20.0	---	---
17					---					---	---	---
18					---					---	---	---
19					---					---	---	---
20					---					---	---	---
21					---					---	---	---
22					---					---	---	---
23					---					---	---	---
24					---					---	---	---
25					---					---	---	---
26					---					---	---	---
27					0.5					---	---	---
28					0.5					---	---	---
29					---					---	---	---
30					---					---	---	---
31					---					---	---	---
MEAN					---					---	---	---

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						4.5	---			---	---	---
2						---	---			---	---	---
3						---	---			---	---	---
4						---	6.0			---	---	---
5						---	---			---	---	---
6						---	---			---	---	---
7						---	---			---	---	---
8						---	---			---	---	---
9						---	---			---	---	---
10						---	---			---	---	15.0
11						---	---			---	---	---
12						---	---			---	20.0	---
13						---	---			---	19.0	---
14						---	---			---	17.5	---
15						---	---			20.0	17.0	---
16						---	---			20.0	---	---
17						---	---			---	---	---
18						---	---			---	---	---
19						---	---			---	---	---
20						---	---			---	---	---
21						---	---			---	---	---
22						---	---			---	---	---
23						---	---			---	---	---
24						---	---			---	---	---
25						---	---			---	---	---
26						---	---			---	---	---
27						---	---			---	---	---
28						---	---			---	---	---
29						---	---			---	---	---
30						---	---			---	---	---
31						---	---			---	---	---
MEAN						---	---			---	---	---

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.0	7.0	1.0	0.5	0.5	0.5	2.5	11.0	15.5	17.0	21.5	18.5
2	14.0	7.0	1.5	0.5	0.5	0.5	3.5	12.0	16.0	18.0	20.0	19.0
3	13.5	7.0	1.0	0.5	0.5	0.5	4.5	13.0	16.0	18.0	20.0	18.5
4	13.5	6.5	0.5	0.5	0.5	0.5	6.5	12.0	17.0	19.0	20.5	19.0
5	13.5	5.5	0.5	0.5	0.5	0.5	7.5	9.5	16.0	19.0	20.5	19.0
6	13.0	5.0	0.5	0.5	0.5	0.0	8.5	9.0	16.5	20.0	21.0	18.5
7	13.0	5.0	0.5	0.5	0.5	0.0	7.0	8.5	16.5	20.0	21.0	19.0
8	13.0	4.5	0.5	0.5	0.5	0.0	5.0	9.5	15.0	21.0	21.5	19.0
9	12.5	5.5	0.5	0.5	0.5	0.0	6.0	11.5	13.5	20.5	21.5	19.5
10	12.5	5.5	1.0	0.5	0.5	0.5	6.5	13.0	12.5	20.5	22.0	19.5
11	12.5	4.5	1.5	0.5	0.5	0.5	8.0	15.0	12.0	20.5	21.5	18.5
12	12.0	4.0	2.0	0.5	0.5	1.0	8.5	14.0	12.5	21.0	21.0	17.0
13	12.0	4.0	2.0	0.5	0.5	1.5	9.0	15.0	15.0	20.5	20.0	17.0
14	12.0	4.0	1.5	0.5	0.5	1.0	9.5	16.0	16.5	21.0	19.5	17.5
15	11.0	4.0	1.5	0.5	0.5	1.5	9.5	16.0	17.0	21.0	19.5	17.5
16	11.0	3.5	1.5	0.5	0.5	1.5	10.0	16.5	16.5	20.5	20.0	17.5
17	11.0	3.0	0.5	0.5	0.5	2.0	10.0	16.0	14.5	19.0	20.0	17.5
18	11.5	3.0	0.5	0.5	0.5	2.5	9.5	15.5	12.0	20.5	20.0	16.5
19	11.5	3.5	0.5	0.5	0.5	3.0	9.0	14.0	11.0	21.5	19.0	15.0
20	11.5	2.5	0.5	0.5	0.5	4.0	11.0	12.5	11.0	22.5	19.0	14.5
21	12.0	2.0	0.5	0.5	0.5	5.0	12.5	11.5	11.5	22.0	19.0	13.5
22	12.0	3.0	0.5	0.5	0.5	6.0	12.5	10.0	13.5	21.5	19.5	14.0
23	12.0	3.5	0.0	0.5	0.5	4.5	12.5	10.0	14.5	22.0	19.5	13.0
24	11.0	2.5	0.5	0.5	0.5	4.5	13.0	10.5	15.0	22.5	19.0	13.5
25	10.0	2.0	0.5	0.5	0.5	5.5	13.0	12.5	14.5	22.0	17.5	13.5
26	10.0	1.5	0.5	0.5	0.5	5.0	10.5	13.0	13.5	22.5	18.5	13.5
27	10.0	1.0	0.5	0.5	0.5	3.0	9.5	13.5	14.0	23.0	18.0	13.5
28	10.5	1.0	0.5	0.5	0.5	1.0	8.5	13.0	15.0	22.5	18.0	13.5
29	9.5	0.5	0.5	0.5	---	1.0	8.5	11.5	16.0	22.5	18.5	13.0
30	8.0	0.5	0.5	0.5	---	2.0	10.0	11.0	17.0	21.5	19.0	13.0
31	7.5	---	0.5	0.5	---	4.0	---	13.5	---	21.5	19.0	---
MEAN	11.5	3.5	1.0	0.5	0.5	2.0	8.5	12.5	14.5	21.0	20.0	16.5

YEAR MAX 23.0 MIN 0.0 MEAN 9.5

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.5	6.0	1.0	0.0			---	13.5	15.5			
2	12.0	6.0	0.0	0.0			---	14.0	16.5			
3	12.0	6.0	0.0	0.0			---	14.0	16.0			
4	12.0	6.0	0.0	0.0			---	14.5	16.0			
5	12.5	5.0	0.0	0.0			9.5	14.0	16.5			
6	13.0	5.0	0.0	0.0			8.0	14.0	17.0			
7	12.5	5.0	0.0	---			8.5	13.5	17.0			
8	11.0	6.0	0.0	---			9.5	13.0	16.0			
9	10.0	5.0	0.0	---			10.5	14.0	---			
10	11.0	4.0	0.0	---			11.0	14.5	---			
11	11.0	3.0	0.0	---			11.5	15.0	---			
12	11.0	2.0	0.0	---			11.5	14.0	---			
13	11.0	1.0	0.0	---			10.5	14.0	---			
14	10.0	1.0	0.0	---			9.5	15.0	---			
15	9.0	1.0	0.0	---			10.0	15.5	---			
16	9.0	1.0	0.0	---			10.5	14.0	---			
17	9.0	2.0	0.0	---			10.5	14.5	---			
18	10.0	3.0	0.0	---			10.0	15.5	---			
19	10.0	1.0	0.0	---			10.5	15.0	---			
20	9.0	0.0	0.0	---			11.0	14.5	---			
21	9.0	0.0	0.0	---			12.0	13.5	---			
22	9.0	0.0	0.0	---			11.5	12.5	---			
23	6.0	0.0	0.0	---			12.5	13.5	---			
24	5.0	1.0	0.0	---			13.0	13.5	---			
25	4.0	2.0	0.0	---			13.0	13.5	---			
26	5.0	2.0	0.0	---			11.0	14.0	---			
27	5.0	2.0	0.0	---			10.5	16.0	---			
28	5.0	2.0	0.0	---			12.0	16.0	---			
29	4.0	2.0	0.0	---			13.5	16.0	---			
30	4.0	2.0	0.0	---			13.5	15.5	---			
31	---	---	0.0	---			---	15.0	---			
TOTAL	273.5	82.0	1.0	---			285.0	445.0	---			
MEAN	9.0	2.5	0.0	---			11.0	14.5	---			
MAX	13.0	6.0	1.0	---			13.5	16.0	---			
MIN	4.0	0.0	0.0	---			8.0	12.5	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number 09306400 S-1

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between ____ and ____ feet; hundredths below and tenths above these limits.

Day	April Gage height	April Discharge	May Gage height	May Discharge	June Gage height	June TEMP ~~Discharge~~	July Gage height	July TEMP ~~Discharge~~	August Gage height	August TEMP ~~Discharge~~	September Gage height	September TEMP ~~Discharge~~
1								22.6		23.2		21.8
2								22.3		21.7		19.6
3								22.7		21.3		19.7
4								23.1		20.8		19.6
5								23.4		20.6		19.8
6								[illegible]		19.1		19.1
7								[illegible]		17.0		19.4
8						17.8		[illegible]		16.9		19.1
9						17.8		[illegible]		18.0		18.6
10						17.5		[illegible]		18.5		[illegible]
11						[illegible]		25.5		20.7		[illegible]
12						[illegible]		[illegible]		20.8		18.4
13						[illegible]		24.1		20.6		17.9
14						12.5		23.9		19.6		19.0
15						[illegible]		24.1		18.5		18.0
16						[illegible]		24.4		18.4		17.9
17						[illegible]		24.6		18.7		17.4
18						[illegible]		23.5		19.6		17.6
19						[illegible]		24.3		21.0		17.8
20						[illegible]		23.7		21.6		17.8
21						[illegible]		22.9		22.2		16.5
22						[illegible]		23.5		22.2		18.0
23						17.9		23.8		22.0		16.9
24						17.7		24.5		22.4		17.0
25						17.5		23.6		[illegible]		[illegible]
26						15.6		22.6		22.8		16.0
27						19.8		24.3		20.3		15.4
28						[illegible]		22.4		20.1		14.0
29						[illegible]		22.3		20.3		13.8
30						22.3		23.6		20.4		14.0
31						—		24.0		20.3	—	—

Period	Quarter	Second	Third	Fourth
First				
Second				
Third				
Fourth				

Computed ____ Checked ____ Date ____

Period	Quarter	Second	Third	Fourth
First				
Second				
Third				
Fourth				

Disch. applied ____ Disch. checked ____ Date ____

Period	Quarter	Second	Third	Fourth
First				
Second				
Third				
Fourth				

G. H. copied ____ G. H. checked ____ Date ____

Period ____ Year ____

GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between _____ and _____ for hundredths below and tenths above these limits.

Day	April Gage height	April ~~Discharge~~	May Gage height	May ~~Discharge~~	June Gage height	June TEMP ~~Discharge~~	July Gage height	July TEMP Discharge	August Gage height	August TEMP ~~Discharge~~	September Gage height	September TEMP ~~Discharge~~
1							FLOW	25.6		0		0
2							FLOW	23.8	FLOW	+		—
3								0		0		
4										—		
5												0
6						0					FLOW	18.7
7						—				0		0
8									FLOW	+		—
9									FLOW	+		
10										0		
11								0		—		0
12							FLOW	+			FLOW	22.2
13								0				0
14								—				—
15												
16												
17												
18												
19												
20						0						
21					FLOW	15.4						
22					FLOW	+						
23						0						0
24						—					FLOW	24.9
25											FLOW	22.1
26											FLOW	21.8
27											FLOW	21.8
28												0
29						0						—
30						—		0		0		0
31												—

Quarter: First / Second / Third / Fourth
Computed _____ Checked _____ Date _____
Ditch. applied _____ Ditch. checked _____ Date _____
G. H. copied _____ G. H. checked _____ Date _____
Period
Year

+ = VERY SMALL FLOW (0.1 CFS) OR POOR RECORD

Unpublished Records
Subject to Revision

PROCESS [illegible] IS 01-25-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.0	6.0	1.0	0.0	1.0	2.5	5.5	11.5	14.5			
2	9.0	6.0	1.0	0.0	1.0	2.0	6.5	12.5	15.0			
3	9.0	6.0	2.0	0.0	1.0	1.0	7.0	12.5	14.0			
4	9.0	6.0	1.0	0.0	1.5	0.0	7.0	13.5	15.5			
5	10.0	7.0	1.0	0.0	0.5	0.0	5.5	13.5	15.5			
6	10.0	5.0	1.0	0.0	0.0	0.0	6.0	11.5	15.0			
7	10.0	6.0	1.0	0.0	0.0	0.0	6.0	13.0	15.0			
8	10.0	7.0	1.0	0.0	0.0	0.5	9.0	12.0	15.5			
9	7.0	3.0	0.5	0.0	0.0	1.5	10.0	15.5	16.0			
10	8.0	2.0	0.5	0.0	0.0	3.0	9.0	14.0	15.0			
11	9.0	2.5	1.0	0.5	0.0	1.5	10.0	14.0	---			
12	9.0	2.0	0.5	0.5	0.0	1.5	9.0	12.0	---			
13	8.0	1.5	0.5	0.0	0.0	1.5	10.5	14.0	---			
14	7.0	1.5	0.0	0.0	0.0	2.5	8.5	15.0	---			
15	7.0	2.5	0.0	0.0	0.0	3.5	9.0	13.5	---			
16	6.0	1.0	0.0	0.5	0.0	4.0	9.0	13.0	---			
17	7.0	1.0	0.0	0.5	0.0	7.0	9.0	15.5	---			
18	8.0	1.0	0.0	0.5	0.5	6.5	9.0	16.5	---			
19	7.0	1.0	0.0	0.5	0.5	4.0	12.0	15.0	---			
20	6.0	1.0	0.0	0.0	0.0	3.5	14.0	15.0	---			
21	6.0	0.0	0.0	0.0	0.0	4.0	10.5	13.5	---			
22	7.0	0.0	0.0	0.0	0.0	5.0	8.5	13.0	---			
23	3.0	0.0	0.0	0.5	0.0	5.0	11.0	16.0	---			
24	4.0	0.0	0.0	1.5	0.0	5.5	10.0	15.5	---			
25	3.0	0.0	0.5	0.5	0.5	4.0	9.5	14.0	---			
26	0.0	0.0	1.0	0.5	1.0	4.0	6.5	14.0	---			
27	5.0	0.0	1.0	0.5	1.5	4.0	9.0	14.5	---			
28	5.0	0.0	0.0	1.0	1.0	4.0	10.5	15.0	---			
29	5.0	0.0	0.0	1.0	2.0	4.0	11.0	14.0	---			
30	5.0	0.0	0.0	1.5	---	4.5	11.5	13.0	---			
31	7.0	---	1.0	1.0	---	6.0	---	15.0	---			
TOTAL	221.0	89.0	15.5	11.0	12.0	96.0	273.5	430.5	---			
MEAN	7.0	2.5	0.5	0.5	0.5	3.0	9.0	14.0	---			
MAX	10.0	7.0	2.0	1.5	2.0	7.0	14.0	16.5	---			
MIN	3.0	0.0	0.0	0.0	0.0	0.0	5.5	11.5	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number [illegible]

Used rating table dated _____

Gage heights used to half tenths between ____ and ____ feet hundredths below and tenths above these limits.

Gage Read to _____ Once / Twice a Day by _____

April		May		June		July		August		September		Day
Gage height	Discharge	Gage height	Discharge	Gage height	~~Discharge~~	Gage height	~~Discharge~~	Gage height	~~Discharge~~	Gage height	~~Discharge~~	
							[illegible]		19.9		15.9	1
							[illegible]		19.5		15.4	2
							[illegible]		18.7		15.6	3
							[illegible]		17.7		15.7	4
							[illegible]		[illegible]		15.0	5
							[illegible]		15.9		15.5	6
							[illegible]		16.1		15.4	7
							[illegible]		15.3		15.5	8
							[illegible]		[illegible]		[illegible]	9
					17.9		[illegible]		[illegible]		[illegible]	10
					13.4		[illegible]		16.7		[illegible]	11
					14.3		[illegible]		19.1		[illegible]	12
					12.3		19.7		17.5		[illegible]	13
					13.2		[illegible]		15.7		[illegible]	14
					13.9		[illegible]		[illegible]		14.7	15
					12.5		19.0		[illegible]		15.0	16
					13.3		[illegible]		[illegible]		15.0	17
					14.8		19.0		[illegible]		[illegible]	18
					15.5		20.3		[illegible]		[illegible]	19
					15.8		[illegible]		[illegible]		[illegible]	20
					16.1		[illegible]		17.6		[illegible]	21
					15.2		20.4		[illegible]		[illegible]	22
					16.3		19.2		[illegible]		14.5	23
					14.4		[illegible]		17.6		[illegible]	24
					15.0		17.3		[illegible]		[illegible]	25
					[illegible]		20.6		[illegible]		[illegible]	26
					[illegible]		20.4		[illegible]		[illegible]	27
					[illegible]		20.2		15.3		[illegible]	28
					[illegible]		20.6		15.6		[illegible]	29
					[illegible]		[illegible]		16.1		[illegible]	30
							[illegible]		[illegible]			31

Period
Year

Fourth / Third / Second / First / Quarter — Computed ____ Checked ____ Date ____

Fourth / Third / Second / First / Quarter — Disch. applied ____ Disch. checked ____ Date ____

Fourth / Third / Second / First / Quarter — G.H. copied ____ G.H. checked ____ Date ____

Unpublished Records
Subject to Revision

PROCESS DATE 01-26-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON,UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.5	6.0	1.0	0.5	1.0	4.5	6.0	11.5	15.0			
2	10.5	6.0	1.0	0.0	1.0	3.0	6.5	12.5	14.5			
3	11.0	6.0	1.5	0.5	0.5	3.5	7.5	12.0	13.5			
4	11.0	7.0	1.5	0.5	1.0	4.0	7.5	13.0	14.5			
5	12.0	8.0	2.0	0.5	1.0	3.5	7.0	13.0	15.0			
6	11.0	6.0	3.0	1.0	0.5	3.5	5.5	12.0	15.0			
7	11.0	7.0	1.5	0.5	1.0	4.0	7.5	13.5	13.5			
8	8.5	7.5	2.0	0.5	1.0	4.5	9.0	12.5	---			
9	8.5	4.5	1.5	0.5	2.0	5.0	9.5	15.0	---			
10	9.5	3.0	1.5	1.0	0.0	5.0	9.0	14.0	---			
11	9.5	2.5	2.0	0.5	0.0	2.0	9.5	13.5	---			
12	9.0	2.0	2.5	0.5	0.0	3.0	9.0	11.5	---			
13	8.0	1.5	2.0	0.5	0.0	4.0	8.5	14.0	---			
14	8.0	2.0	0.5	0.0	0.0	4.5	8.5	15.5	---			
15	7.5	3.0	0.0	0.5	0.0	5.0	9.0	13.0	---			
16	8.0	3.0	0.0	0.5	0.5	5.5	9.0	13.5	---			
17	---	2.5	0.0	0.5	0.5	7.0	8.5	15.0	---			
18	---	2.0	0.0	1.0	1.0	7.0	8.5	15.5	---			
19	8.5	3.0	0.0	0.5	1.5	5.0	9.5	14.5	---			
20	7.5	1.0	0.0	0.5	1.0	3.5	10.0	15.5	---			
21	7.5	2.0	0.5	0.0	0.5	4.5	10.5	14.0	---			
22	7.0	1.0	0.5	0.0	1.0	5.0	9.5	13.5	---			
23	4.5	1.0	0.5	0.0	1.5	5.5	11.5	16.5	---			
24	4.5	1.0	0.5	1.0	2.5	6.5	10.5	15.5	---			
25	4.0	0.5	1.0	0.5	3.0	4.5	10.0	14.0	---			
26	6.0	0.0	0.5	0.0	3.0	4.5	8.0	15.5	---			
27	5.0	0.5	0.5	0.5	4.0	5.0	9.5	15.5	---			
28	5.0	0.5	0.0	0.5	3.0	4.5	10.5	15.0	---			
29	5.0	0.0	0.0	0.5	3.5	4.5	12.0	14.5	---			
30	7.0	0.0	0.5	1.0	---	5.0	11.0	13.5	---			
31	---	---	1.0	1.0	---	6.0	---	15.5	---			
TOTAL	225.0	90.0	29.0	15.5	35.5	142.5	268.0	433.5	---			
MEAN	8.0	3.0	1.0	0.5	1.0	4.5	9.0	14.0	---			
MAX	12.0	8.0	3.0	1.0	4.0	7.0	12.0	16.5	---			
MIN	4.0	0.0	0.0	0.0	0.0	2.0	5.5	11.5	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number _____

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between ____ and ____ feet hundredths below and tenths above these limits.

Day	April Gage height	April Discharge	May Gage height	May Discharge	June Gage height	June TEMP Discharge	July Gage height	July TEMP Discharge	August Gage height	August TEMP Discharge	September Gage height	September TEMP Discharge
1								13.7		21.0		18.3
2												
3												21.7
4								15.5				16.9
5												17.4
6												15.2
7					16.4							17.5
8												
9												15.0
10												15.2
11												
12												
13												
14												
15												
16												
17												
18					15.4							
19												
20												15.7
21												
22												16.3
23												15.7
24												
25												
26												
27					17.4							
28												
29												13.0
30								21.1				13.4
31												

Fourth / Third / Second / First Quarter — Computed ____ Checked ____ Date

Fourth / Third / Second / First Quarter — Ditch, applied ____ Ditch, checked ____ Date

Fourth / Third / Second / First Quarter — G. H. applied ____ G. H. checked ____ Date

Period

Year

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.5	7.0	1.0	0.0	0.0	0.0	8.5	14.0	15.5	21.0		
2	12.0	7.0	0.0	0.0	0.0	0.0	9.0	14.5	16.5	---		
3	12.0	7.0	0.0	0.0	0.0	0.0	9.5	14.5	16.5	---		
4	12.0	6.0	0.0	0.0	0.0	0.0	10.5	14.5	16.0	---		
5	12.5	6.0	0.0	0.0	0.0	0.0	9.5	14.0	16.5	---		
6	14.0	6.0	0.0	0.0	0.0	0.0	8.0	13.5	17.0	---		
7	13.0	7.0	0.0	0.0	0.0	0.0	8.5	13.5	17.0	---		
8	11.0	8.0	0.0	0.0	0.0	0.0	9.5	13.0	17.0	---		
9	10.0	6.0	0.0	0.0	0.0	0.0	10.5	14.5	18.0	---		
10	10.5	4.0	0.5	0.0	0.0	0.0	11.0	14.5	18.0	---		
11	11.0	3.0	0.5	0.0	0.0	0.0	11.5	15.0	16.0	---		
12	11.0	2.0	0.0	0.0	0.0	0.0	11.5	14.0	15.5	---		
13	10.5	1.0	0.0	0.0	0.0	0.0	11.0	14.0	15.5	---		
14	9.5	0.5	0.0	0.0	0.0	0.0	9.5	15.5	14.0	---		
15	8.5	1.0	0.0	0.0	0.0	0.0	10.0	15.5	15.0	---		
16	8.5	1.0	0.0	0.0	0.0	0.0	10.5	14.0	15.0	---		
17	9.0	2.0	0.0	0.0	0.0	0.0	10.5	14.5	15.0	---		
18	9.5	2.5	0.0	0.0	0.0	1.0	10.0	15.5	16.5	---		
19	9.5	2.5	0.0	0.0	0.0	0.5	10.5	15.0	17.5	---		
20	9.0	0.5	0.0	0.0	0.0	0.5	11.0	14.5	19.0	---		
21	8.5	0.0	0.0	0.0	0.0	1.0	12.0	13.5	19.5	---		
22	8.5	0.0	0.0	0.0	0.0	1.5	11.5	12.5	18.5	---		
23	6.0	0.0	0.0	0.0	0.0	2.0	12.5	13.5	18.0	---		
24	5.0	1.0	0.0	0.0	0.0	2.0	12.5	13.5	17.5	---		
25	4.5	1.5	0.0	0.0	0.0	1.0	12.5	13.5	17.5	---		
26	5.0	1.5	0.0	0.0	0.0	1.0	10.5	14.0	18.5	---		
27	5.0	1.5	0.0	0.0	0.0	3.0	10.5	16.0	20.0	---		
28	5.0	1.5	0.0	0.0	0.0	4.0	12.0	16.5	21.5	---		
29	4.0	1.5	0.0	0.0	0.0	7.0	13.5	16.0	21.0	---		
30	5.0	1.5	0.0	0.0	---	6.5	13.5	15.5	21.0	---		
31	---	---	0.0	0.0	---	7.5	---	15.0	---	---		
TOTAL	271.0	90.0	2.0	0.0	0.0	38.5	321.5	447.5	520.0	---		
MEAN	9.0	3.0	0.0	0.0	0.0	1.0	10.5	14.5	17.5	---		
MAX	14.0	8.0	1.0	0.0	0.0	7.5	13.5	16.5	21.5	---		
MIN	3.5	0.0	0.0	0.0	0.0	0.0	8.0	12.5	14.0	---		

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number 09306500 S-3

Used rating table dated _____

Gage heights used to half tenths between _____ and _____ feet; hundredths below and tenths above these limits.

Gage read to _____ Once / Twice a Day by _____

	April		May		June		July		August		September		
	Gage height	Discharge	Gage height	Discharge	Gage height	TEMP ~~Discharge~~	Gage height	TEMP ~~Discharge~~	Gage height	TEMP Discharge	Gage height	TEMP Discharge	Day
												20.2	1
												19.9	2
												20.2	3
												20.4	4
												20.6	5
												19.8	6
												19.6	7
												19.5	8
												13.7	9
												18.6	10
												13.4	11
												13.7	12
												18.5	13
												18.4	14
												18.2	15
												18.1	16
												17.9	17
												17.6	18
												17.9	19
												18.3	20
												17.2	21
												18.1	22
												17.2	23
												17.2	24
													25
													26
													27
												17.2	28
												18.1	29
												18.1	30
													31

Fourth / Third / Second / First Quarter — Computed _____ Checked _____ Date _____

Fourth / Third / Second / First Quarter — Disch. applied _____ Disch. checked _____ Date _____

Fourth / Third / Second / First Quarter — G. H. copied _____ G. H. checked _____ Date _____

Period
Year

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number 01506600 5 7

Used rating table dated _____

Gage heights used to half tenths between ____ and ____ feet; hundredths below and tenths above these limits.

Gage Read to _____ Once / Twice a Day by _____

April		May		June		July		August		September		Day
Gage height	Discharge	Gage height	Discharge	Gage height	TEMP ~~Discharge~~	Gage height	TEMP ~~Discharge~~	Gage height	TEMP ~~Discharge~~	Gage height	TEMP ~~Discharge~~	
							A					1
												2
												3
												4
												5
												6
					17.8							7
					17.9							8
					17.2							9
					17.3							10
					[illegible]		A					11
					[illegible]7	STAND DISCONTINUED						12
					15.5	7-12-76						13
					[illegible]							14
					[illegible]							15
					[illegible]							16
					[illegible]							17
					16.6							18
					A							19
												20
												21
												22
												23
												24
												25
												26
												27
												28
												29
					A							30
												31

Quarter	Fourth	Third	Second	First

Computed ____ Checked ____ Date ____

Quarter	Fourth	Third	Second	First

Disch. applied ____ Disch. checked ____ Date ____

Quarter	Fourth	Third	Second	First

G. H. copied ____ G. H. checked ____ Date ____

Period
Year

A = RECORDER CLOCK FAILURE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between ____ and ____ feet; hundredths below and tenths above these limits.

April		May		June		July		August		September		Day
Gage height	Discharge	Gage height	Discharge	Gage height	TEMP ~~Discharge~~	Gage height	TEMP ~~Discharge~~	Gage height	TEMP ~~Discharge~~	Gage height	TEMP ~~Discharge~~	
						Flow	24.5		0		0	1
							0					2
												3
												4
												5
												6
					0							7
												8
												9
												10
												11
												12
												13
												14
												15
												16
												17
												18
												19
												20
					0							21
				Flow	15.9							22
					0							23
												24
												25
												26
												27
												28
												29
					0						0	30
							0		0			31

Fourth / Third / Second / First / Quarter — Computed ..... Checked ..... Date .....

Fourth / Third / Second / First / Quarter — Disch. applied ..... Disch. checked ..... Date .....

Fourth / Third / Second / First / Quarter — G. H. copied ..... G. H. checked ..... Date .....

Period
Year

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number _____

Used rating table dated _____

Gage heights used to half tenths between ____ and ____ feet-hundredths below and tenths above these limits.

Gage Read to _____ Once / Twice a Day by _____

Day	April		May		June		July		August		September	
	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge
1								0		0		0
2												
3												
4												0
5											FLOW	+
6						0						0
7										0		
8									FLOW	+		
9										0		
10												0
11											FLOW	13.6
12												0
13												
14												
15												
16												
17												
18												
19												
20												
21						0						
22					FLOW	11.0						
23						0						
24												
25												
26												
27												
28												
29												
30						0		0		0		0
31												

Fourth / Third / Second / First / Quarter — Computed — Checked — Date

Fourth / Third / Second / First / Quarter — Disch. applied — Disch. checked — Date

Fourth / Third / Second / First / Quarter — G. H. copied — G. H. checked — Date

Period
Year

+ = VERY SMALL FLOW (ICE?) OR POOR RECORD

River
Creek

...TED STATES
DEPARTMENT OF THE INTERIOR
...GICAL SURVEY
...ONCES DIVISION

Station Number _____

Used rating table dated _____

Gage heights used to half tenths between ____ and ____ feet; hundredths below and tenths above these limits.

Gage Read ... Once / Twice a Day by _____

Day	Apr. Gage height	Apr. Discharge	May Gage height	May Temp ~~Discharge~~	June Gage height	June Temp ~~Discharge~~	July Gage height	July Temp ~~Discharge~~	August Gage height	August Temp ~~Discharge~~	September Gage height	September Temp ~~Discharge~~
1				0		0		0		0		0
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												0
12											FLOW	+
13												0
14												
15												
16												
17												
18												
19												
20												
21						0						
22					FLOW	13.2						
23						0						
24												0
25											FLOW	13.2
26											FLOW	11.3
27												0
28												
29												
30		0				0						0
31				0				0		0		

Day	Fourth	Third	Second	First	Quarter	Fourth	Third	Second	First	Quarter	Fourth	Third	Second	First	Quarter
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															

Computed ... Checked ... Date ...

Disch. applied ... Disch. checked ... Date ...

G.H. copied ... G.H. checked ... Date ...

PERIOD
YEAR

T = VERY SMALL FLOW (0.1 CFS) OR POOR RECORD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between _____ and _____ feet; hundredths below and tenths above these limits.

Day	April		May		June		July		August		September	
	Time	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge
1						0		0		0		0
2												
3												
4												
5												0
6											FLOW	21.1
7												0
8												
9												
10												
11												0
12											FLOW	17.6
13				0								0
14												
15												
16												
17												
18												
19												
20												
21				0		0						
22			FLOW	+	FLOW	14.5						
23				0		0						
24												0
25											FLOW	14.2
26											FLOW	12.4
27												0
28												
29												
30						0						0
31				0				0		0		

Fourth / Third / Second / First / Quarter — Computed — Checked — Date

Fourth / Third / Second / First / Quarter — Disch. applied — Disch. checked — Date

Fourth / Third / Second / First / Quarter — G. H. copied — G. H. checked — Date

Period
Year

+ = VERY SMALL FLOW (0.1 C.F.S.) OR POOR RECORD

Unpublished Records
Subject to Revision

PROCESS DATE 01-25-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

TEMPERATURE (DEG. C) OF WATER, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.5	7.0	1.0	0.0	0.0	0.0	9.0	13.5				
2	12.0	7.0	0.0	0.0	0.0	0.0	9.0	14.5				
3	12.5	7.0	0.0	0.0	0.0	0.0	10.0	13.0				
4	12.5	6.0	1.0	0.0	0.0	0.0	11.0	---				
5	12.5	6.0	0.0	0.0	0.0	0.0	10.0	---				
6	13.0	6.0	0.0	0.0	0.0	0.0	8.0	---				
7	13.0	7.0	0.0	0.0	0.0	0.0	9.0	---				
8	11.0	8.0	0.0	0.0	0.0	0.0	10.0	---				
9	11.0	6.0	0.0	0.0	0.0	0.0	9.0	---				
10	10.5	4.0	0.0	0.0	0.0	0.0	11.0	---				
11	11.0	3.0	1.0	0.0	0.0	0.0	11.5	---				
12	11.0	2.0	0.0	0.0	0.0	0.0	11.5	---				
13	10.5	1.0	0.0	0.0	0.0	0.0	10.5	---				
14	9.0	1.0	0.0	0.0	0.0	0.0	9.5	---				
15	9.0	1.0	0.0	0.0	0.0	0.0	10.0	---				
16	8.5	1.0	0.0	0.0	0.0	0.0	10.5	---				
17	8.5	2.0	0.0	0.0	0.0	0.0	10.0	---				
18	9.0	3.0	0.0	0.0	0.0	1.0	10.5	---				
19	9.5	3.0	0.0	0.0	0.0	1.0	10.5	---				
20	8.5	1.0	0.0	0.0	0.0	1.0	11.5	---				
21	9.0	0.0	0.0	0.0	0.0	1.0	12.0	---				
22	9.0	0.0	0.0	0.0	0.0	2.0	12.0	---				
23	6.0	0.0	0.0	0.0	0.0	2.0	12.0	---				
24	5.0	1.0	0.0	0.0	0.0	2.0	12.0	---				
25	4.0	2.0	0.0	0.0	0.0	1.0	12.5	---				
26	5.0	2.0	0.0	0.0	0.0	1.0	9.5	---				
27	5.0	1.0	0.0	0.0	0.0	3.0	11.0	---				
28	5.0	2.0	0.0	0.0	0.0	4.0	12.0	---				
29	4.0	1.0	0.0	0.0	0.0	7.0	13.5	---				
30	5.0	1.0	0.0	0.0	---	7.0	14.0	---				
31	---	---	0.0	0.0	---	8.0	---	---				
TOTAL	272.0	92.0	3.0	0.0	0.0	41.0	322.5	---				
MEAN	9.0	3.0	0.0	0.0	0.0	1.5	11.0	---				
MAX	13.0	8.0	1.0	0.0	0.0	8.0	14.0	---				
MIN	4.0	0.0	0.0	0.0	0.0	0.0	8.0	---				

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths ~~between~~ _____ and _____ feet; hundredths below and tenths above these limits.

April		May		June		July		August		September		Day
Gage height	Discharge	Gage height	~~Temp Discharge~~	Gage height	~~Temp Discharge~~	Gage height	~~Temp Discharge~~	Gage height	~~Temp Discharge~~	Gage height	~~Temp Discharge~~	
				15.6		22.8		22.3		20.2		1
				16.3		22.6		22.1		19.9		2
		15.3		16.7		22.7		[illegible]		[illegible]		3
		14.5		16.3		23.2		23.5		[illegible]		4
		14.6		16.8		23.3		[illegible]		[illegible]		5
		13.8		17.2		24.0		23.2		[illegible]		6
		13.5		17.3		23.7		[illegible]		[illegible]		7
		13.1		17.2		23.6		[illegible]		[illegible]		8
		14.4		17.9		23.5		[illegible]		[illegible]		9
		14.8		18.0		[illegible]		[illegible]		[illegible]		10
		15.3		16.4		[illegible]		20.6		18.3		11
		14.0		15.6		22.9		22.3		18.7		12
		14.3		14.1		24.2		[illegible]		15.9		13
		15.4		12.2		23.9		[illegible]		[illegible]		14
		15.9		14.7		22.3		19.3		[illegible]		15
		14.6		14.6		24.4		18.9		[illegible]		16
		14.6		15.2		24.6		18.7		[illegible]		17
		15.5		16.6		22.1		19.4		[illegible]		18
		15.4		16.2		[illegible]		23.4		[illegible]		19
		14.8		17.9		[illegible]		[illegible]		[illegible]		20
		13.9		17.5		[illegible]		[illegible]		[illegible]		21
		12.6		17.1		[illegible]		[illegible]		[illegible]		22
		13.8		17.3		[illegible]		[illegible]		[illegible]		23
		13.9		16.4		[illegible]		[illegible]		[illegible]		24
		13.9		17.8		[illegible]		[illegible]		[illegible]		25
		14.2		17.0		[illegible]		[illegible]		[illegible]		26
		16.0		20.1		[illegible]		[illegible]		[illegible]		27
		16.9		21.1		[illegible]		[illegible]		[illegible]		28
		16.3		22.0		[illegible]		[illegible]		[illegible]		29
		15.6		22.2		[illegible]		[illegible]		[illegible]		30
		15.2		[illegible]		[illegible]		[illegible]		[illegible]		31

Fourth / Third / Second / First Quarter — Computed _____ Checked _____ Date _____

Fourth / Third / Second / First Quarter — Ditch, applied _____ Ditch, checked _____ Date _____

Fourth / Third / Second / First Quarter — G. H. copied _____ G. H. checked _____ Date _____

Period

Year

Stream Condition Data

1974-75, 1975-76

PROCESS DATE 08-31-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	750	775	920	990	843	807	984	751	460	270	650	728
2	750	765	920	930	870	830	971	777	410	250	650	745
3	750	753	940	900	855	872	945	776	420	270	650	762
4	750	761	990	880	828	833	942	782	400	260	650	759
5	750	767	900	880	828	819	972	778	370	270	665	754
6	750	764	878	900	859	818	989	761	390	300	681	755
7	750	761	823	910	864	842	1010	708	430	300	673	762
8	750	759	794	910	844	838	1000	709	470	300	708	771
9	750	771	797	900	827	868	964	733	380	400	722	780
10	750	778	839	890	840	847	946	747	300	493	704	803
11	750	780	856	850	836	871	930	746	320	420	655	782
12	750	778	907	830	816	916	942	748	350	440	578	777
13	750	762	961	830	814	922	950	698	360	450	700	828
14	770	794	998	840	810	950	948	627	300	475	761	880
15	770	797	967	850	822	937	940	613	290	500	723	838
16	760	814	873	870	832	925	944	574	310	510	732	812
17	760	801	848	900	814	904	933	530	300	450	722	771
18	750	790	839	890	814	913	924	470	310	450	719	744
19	760	791	836	860	826	912	892	460	310	420	719	747
20	750	809	837	830	834	924	850	420	320	440	727	740
21	750	812	812	800	853	984	874	310	330	460	732	730
22	760	800	803	800	885	978	898	300	350	470	734	734
23	790	810	815	810	881	997	887	280	370	520	727	739
24	780	825	838	820	855	998	880	290	370	570	736	733
25	760	807	871	830	875	978	849	310	370	590	734	728
26	750	803	886	844	912	972	821	330	340	600	725	721
27	780	812	934	826	892	1000	773	340	300	674	726	709
28	780	816	949	795	839	999	723	320	310	679	727	713
29	780	832	998	806	---	993	687	370	320	688	743	699
30	810	857	972	814	---	980	701	470	320	705	739	690
31	800	---	1020	830	---	983	---	480	---	700	731	---
MEAN	762	791	891	859	845	916	902	555	353	462	705	758

YEAR MAX 1020 MIN 250 MEAN 733

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306405 HELL'S HOLE CAN AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090838 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---	2000		---		---	---	---
2					---	3000		---		---	---	---
3					---	---		---		---	---	---
4					---	---		---		---	---	---
5					---	---		---		---	---	---
6					---	---		---		---	---	---
7					---	---		---		---	---	---
8					---	---		---		---	---	---
9					---	---		---		---	---	---
10					---	---		---		---	---	2830
11					---	---		---		---	---	---
12					---	---		---		---	2000	---
13					---	---		---		---	---	---
14					---	---		---		---	3000	2000
15					---	---		---		---	4000	2000
16					---	---		---		2000	---	---
17					---	---		---		4000	---	---
18					---	---		---		---	---	---
19					---	---		---		---	---	---
20					---	---		---		---	---	---
21					---	---		---		---	---	---
22					---	---		---		---	---	---
23					---	---		---		---	---	---
24					---	---		---		---	---	---
25					---	---		---		---	---	---
26					---	---		---		---	---	---
27					---	---		---		---	---	---
28					2000	---		---		---	---	---
29					---	---		2000		---	---	---
30					---	---		---		---	---	---
31					---	---		---		---	---	---
MEAN					---	---		---		---	---	---

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306415 EVACUATION CR BLW PARK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395054 LONGITUDE 1090748 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4500	4500	4840	4600	4550	1520	4670	4200	3320	4500	2470	---
2	4500	4500	4740	4600	4560	1630	4890	4280	3460	4480	2680	---
3	4500	4500	4680	4600	4560	1550	4980	4370	3460	4450	2790	---
4	4500	4570	4610	4600	4560	2520	4090	4490	3610	4450	2760	---
5	4500	4560	4550	4600	4530	3080	3340	4150	3820	4430	2530	---
6	4500	4560	4510	4600	4550	3140	3210	3550	3960	4420	3300	---
7	4500	4580	4560	4600	4550	3090	3190	3870	4260	4420	---	---
8	4500	4570	4630	4600	4530	3110	3520	3810	3170	2010	---	---
9	4500	4580	4710	4600	4540	3150	4430	4140	3030	4000	---	3210
10	4500	4640	4900	4580	4550	3270	4450	4150	2900	4200	3640	1500
11	4500	4600	4810	4530	4550	3440	4460	4330	2620	4400	2500	2000
12	4500	4560	4800	4560	4530	3610	4380	4520	3350	4530	3000	2790
13	4500	4560	4630	4590	4510	3840	4350	4420	3540	3670	2500	2970
14	4500	4540	4620	4620	4510	4240	4460	4420	3560	1500	2000	2000
15	4500	4620	4610	4630	4500	4380	4380	4460	3590	2000	2500	1500
16	4500	4580	4590	4640	4540	4460	4150	4490	3640	2500	3000	1740
17	4500	4500	4640	4640	4560	4480	3930	4500	3700	1500	3000	2800
18	4500	4580	4680	4600	4570	4480	3980	4360	3860	2000	3000	3000
19	4500	4660	4640	4510	4570	4580	4200	3770	3360	3000	---	3050
20	4500	4550	4670	4500	4590	4610	4150	3790	3330	3000	3500	3000
21	4500	4390	4600	4510	4620	4670	4150	2940	3280	3200	---	2990
22	4500	4400	4660	4520	4600	4760	3920	3110	3180	3200	3390	2970
23	4500	4440	4600	4530	4600	4830	3790	2860	3460	3500	---	---
24	4500	4540	4600	4520	4590	4830	3840	2500	4000	4360	---	---
25	4500	4420	4600	4450	4600	4810	3950	2540	4290	4330	---	---
26	4500	4380	4600	4320	4580	4230	3800	2560	4160	4320	---	---
27	4500	4430	4600	4530	4520	3390	3930	2600	4210	4260	---	---
28	4500	4500	4600	4470	4160	3440	4170	2130	4360	4260	---	---
29	4500	4720	4600	4470	---	3910	4140	1730	4440	4260	---	---
30	4500	4760	4600	4540	---	4440	4150	2340	4480	3570	---	---
31	4500	---	4600	4530	---	4770	---	3140	---	3190	---	---
MEAN	4500	4540	4650	4550	4540	3750	4100	3630	3650	3810	---	---

YEAR MAX 4980 MIN 1500 MEAN 4020

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306417 THIMBLE ROCK CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 394930 LONGITUDE 1090937 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MEAN												

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5400	5710	6320	5900	5600	3830	3620	4100	3420	5010	4070	5310
2	5400	5760	6370	5900	5500	1440	3480	4130	3540	4940	4180	5330
3	5400	5800	6390	5800	5800	1600	3450	4270	3530	4950	4240	5330
4	5400	5770	6380	5800	5800	3500	3290	4580	3990	5020	4560	5320
5	5400	5700	6100	5800	6200	3500	3070	4710	4280	5010	5200	5260
6	5400	5700	5550	5800	6480	3500	2980	4150	4470	5070	5210	5280
7	5400	5700	5580	5800	6470	3500	3050	4200	4730	5080	5190	5270
8	5400	5700	5950	5700	5760	3500	3120	3750	3830	5410	5300	5220
9	5400	5700	6130	5700	6220	3500	3710	3460	3240	5510	5200	5410
10	5400	5700	6230	5700	5990	3500	4760	3440	3040	4880	5360	2510
11	5400	5700	6280	5700	5990	3500	4810	3440	2950	4380	4000	1220
12	5400	5700	6220	5600	6100	3500	4770	3550	2920	4850	2000	1570
13	5400	5700	6050	5600	6000	3880	4770	3490	2930	4870	1500	1450
14	5400	5750	6000	5600	5820	5040	4800	4010	2950	3070	1500	1900
15	5400	5810	6030	5600	5760	5150	4720	4670	3110	2380	3000	1410
16	5400	5810	6170	5800	5790	5220	4620	4800	3220	3120	5200	1170
17	5400	5850	6050	5800	5790	5050	4420	4830	3290	1710	5200	1210
18	5400	5800	6070	5800	5970	5170	4270	4950	3380	1240	5300	3370
19	5400	5800	6000	5800	6000	5170	4570	4840	3350	1250	---	5240
20	5400	5930	5920	5800	5880	5180	4500	4840	3790	1310	---	5250
21	5400	6020	5770	6000	5930	5190	4550	4830	4170	1420	---	5250
22	5400	5810	5700	6000	6090	5400	4460	4710	3810	2790	---	5260
23	5400	5430	6130	6000	6190	5790	4300	3960	3600	4570	5270	5250
24	5400	5950	6000	6000	5870	5370	4060	2890	4060	4590	5280	5250
25	5400	5950	6000	6350	5670	4690	4070	2930	4710	4670	5340	5270
26	5400	5960	6000	6210	5920	4540	4130	2980	4510	4790	5310	5290
27	5400	6040	6000	6310	5900	3850	4060	3060	4620	---	5310	5290
28	5400	5820	6000	6310	5660	3780	4160	3040	4980	---	5330	5290
29	5400	6170	5900	6660	---	3690	4170	2450	5120	---	5330	5290
30	5400	6290	5900	5320	---	3560	4090	2640	5140	5070	5320	5290
31	5640	---	5900	5400	---	3610	---	3350	---	4010	5310	---
MEAN	5410	5820	6040	5860	5940	4120	4090	3900	3820	3960	4590	4230
YEAR	MAX	6660	MIN	1170	MEAN	4820						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 EVACUATION CR TRIBUTARY NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395400 LONGITUDE 1090920 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1											---	
2											---	
3											---	
4											---	
5											---	
6											---	
7											---	
8											---	
9											---	
10											---	
11											---	
12											---	
13											---	
14											---	
15											0	
16											0	
17											0	
18											0	
19											0	
20											0	
21											0	
22											---	
23											---	
24											---	
25											---	
26											---	
27											---	
28											---	
29											---	
30											---	
31											---	
MEAN											---	

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CR NR MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4600	4560	5360	4700	4800	2570	4430	4260	3700	4000	2300	4400
2	4600	4520	5510	4700	4870	1700	4380	4220	3700	4000	2450	4400
3	4600	4570	5160	4700	4890	1580	4420	4080	3810	4000	2630	4400
4	4600	4540	4260	4700	4860	2370	4350	4060	3870	4000	3390	4400
5	4600	4590	4650	4700	4820	3200	2330	4040	3860	4000	4230	4400
6	4600	4600	4870	4700	5020	3350	2750	4200	3860	4000	4230	4400
7	4600	4600	4720	4700	4820	3500	2990	4500	3860	3800	4230	4400
8	4600	4580	4910	4700	4760	3500	2960	4490	3940	3410	4230	4400
9	4600	4520	5200	4700	4700	3500	3760	4580	3700	3280	4210	4000
10	4600	4590	5490	4700	4680	3660	4500	4540	3700	3700	4220	3500
11	4670	4660	4800	4700	4780	4120	4460	4320	3500	4000	4630	3700
12	4530	4660	4700	4700	4760	4250	4390	4240	3700	4000	3050	4000
13	4450	4570	4700	4700	4630	4270	4240	4220	3700	3500	2600	4000
14	4460	4600	4700	4700	4540	4290	4190	4150	3700	1950	1900	4000
15	4520	4560	4700	4700	4570	4250	4260	4130	3800	2400	1970	3700
16	4520	4590	4700	4700	4650	4230	4450	4120	3800	3000	2020	4000
17	4510	4620	4700	4700	4630	4260	4490	4150	3800	1280	2080	4000
18	4490	4590	4700	4700	4820	4330	4350	4210	3800	3000	3050	4500
19	4490	4610	4700	4700	4750	4230	4490	4720	3500	4000	4450	4500
20	4470	4710	4900	4700	4710	4170	4460	4410	3300	4000	4400	4500
21	4510	4670	4700	4700	4910	4200	4410	3250	3210	4000	4400	4500
22	4760	4590	4730	4700	5020	4270	4480	3390	3300	4000	4400	4500
23	4570	4640	5000	4700	4890	4470	4410	3400	3500	4000	4400	4500
24	4300	4700	5180	4700	4850	4400	4420	3430	3700	4000	4400	4500
25	4540	4790	4660	4700	4710	4250	4490	3610	4000	4000	4400	4500
26	4530	4730	5100	4700	4660	4440	4230	3680	4000	4070	4400	4600
27	4510	4860	5970	4580	4530	4820	4090	3680	4000	4080	4400	4600
28	4510	4740	5040	4800	3860	3500	4320	1700	4000	4060	4400	4600
29	4510	5020	4890	5170	---	3530	4190	1500	4000	4090	4400	4600
30	4560	5190	4820	5030	---	4440	4140	1800	4000	4100	4400	4600
31	4570	---	4870	4770	---	4380	---	2200	---	4130	4400	---
MEAN	4550	4660	4920	4730	4730	3810	4130	3780	3740	3670	3700	4300

YEAR MAX 5970 MIN 1280 MEAN 4220

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	750	800	916	986	850	817	960	723	460	270	700	776
2	750	790	923	929	868	861	980	726	410	250	700	791
3	750	790	937	899	878	902	940	725	420	270	690	805
4	750	790	995	883	860	866	920	731	390	260	690	805
5	750	800	986	879	850	841	970	740	350	270	680	798
6	750	800	884	902	862	828	1010	733	390	300	679	796
7	750	790	829	911	875	839	1020	736	430	300	682	804
8	750	789	800	907	863	837	1030	746	470	350	705	819
9	750	806	808	898	842	836	1000	763	380	400	725	825
10	750	807	843	888	849	839	980	783	300	390	715	959
11	750	813	886	854	848	840	950	803	320	420	705	896
12	750	780	930	830	827	848	960	759	350	440	718	988
13	750	795	972	826	828	856	950	659	360	450	815	1080
14	770	812	1000	836	823	863	960	645	300	430	858	1150
15	770	829	996	852	828	867	960	599	290	500	907	1240
16	760	814	912	866	840	876	960	630	310	510	974	1410
17	760	809	865	895	823	885	960	530	300	450	1050	1000
18	750	810	852	890	821	901	960	470	310	450	1120	782
19	760	812	845	855	830	892	940	460	310	420	1140	779
20	750	826	847	827	840	882	890	420	320	440	1160	771
21	750	822	837	805	854	903	880	310	330	460	1210	761
22	760	809	818	805	886	927	900	300	350	470	1070	764
23	790	821	827	809	884	945	910	280	370	520	806	767
24	780	838	843	821	858	959	910	290	370	570	770	761
25	760	820	875	830	867	977	900	310	370	590	770	755
26	750	810	895	834	902	960	870	330	340	600	760	750
27	780	820	920	840	883	990	822	340	300	670	763	739
28	780	826	952	812	832	1000	780	320	310	680	767	739
29	780	833	982	806	---	990	730	370	320	690	770	726
30	810	863	1020	824	---	980	740	470	320	700	787	718
31	830	---	1030	840	---	970	---	480	---	646	781	---
MEAN	763	811	904	859	853	896	925	554	352	457	828	858
YEAR	MAX	1410	MIN	250	MEAN	754						

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306600 WHITE R ABV SOUTHAM CAN NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395715 LONGITUDE 1091528 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	750	798	920	1020	856	820	1000	782	460	309	691	745
2	750	793	960	981	876	860	1000	815	410	304	704	758
3	750	790	960	898	876	900	1000	811	420	298	687	773
4	750	794	990	878	858	860	1010	818	400	300	696	777
5	750	802	980	888	850	840	1010	817	521	310	701	773
6	750	801	874	950	860	830	1020	809	362	307	700	765
7	750	796	843	941	870	840	1020	746	347	314	701	771
8	750	784	818	916	860	840	1020	733	343	333	717	783
9	700	790	808	905	840	840	1020	755	405	387	730	788
10	750	808	801	915	840	840	1010	771	386	388	727	862
11	750	809	789	856	840	840	950	765	378	416	709	799
12	750	803	839	840	830	850	974	768	392	392	707	840
13	750	779	964	841	830	850	983	725	413	409	840	892
14	770	801	1010	849	830	860	979	659	402	470	850	855
15	768	822	985	870	830	870	974	629	372	484	900	755
16	757	823	903	890	840	880	978	617	336	476	950	723
17	757	813	864	920	830	890	977	513	326	606	1000	785
18	753	808	855	891	830	900	974	456	324	594	1100	765
19	759	800	851	839	830	890	943	373	337	590	1100	762
20	753	829	851	823	840	880	897	395	347	580	900	755
21	753	829	841	817	850	900	908	310	362	580	749	745
22	765	764	828	821	880	930	937	300	373	560	751	744
23	793	812	837	824	880	945	933	280	380	600	744	747
24	783	835	851	836	860	960	929	290	387	610	756	745
25	760	823	880	837	860	980	908	310	385	585	753	738
26	748	828	877	843	900	990	872	330	359	594	745	736
27	777	831	767	855	880	1010	827	340	334	606	752	723
28	775	826	927	822	830	1020	777	320	349	613	744	729
29	780	840	966	825	---	1020	732	370	334	635	756	739
30	814	880	1020	831	---	1020	735	470	319	624	758	740
31	829	---	1040	839	---	970	---	480	---	646	754	---
MEAN	761	810	894	873	852	901	943	566	375	481	786	770

YEAR MAX 1100 MIN 280 MEAN 751

PROCESS DATE 08-31-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306605 SOUTHAM CAN WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395421 LONGITUDE 1091216 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---							
2					---							
3					---							
4					---							
5					---							
6					---							
7					---							
8					---							
9					---							
10					---							
11					---							
12					---							
13					---							
14					---							
15					---							
16					---							
17					---							
18					---							
19					---							
20					---							
21					---							
22					---							
23					---							
24					---							
25					---							
26					---							
27					136							
28					165							
29					---							
30					---							
31					---							
MEAN					---							

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306610 SOUTHAM CAN WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395650 LONGITUDE 1091406 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	300			---	259	---					
2	---	400			---	---	---					
3	---	---			---	---	---					
4	---	---			---	---	---					
5	---	---			---	---	300					
6	---	---			---	---	---					
7	---	---			---	---	---					
8	---	---			---	---	---					
9	---	---			---	---	---					
10	---	300			---	---	---					
11	---	---			---	---	---					
12	---	---			---	---	---					
13	---	---			---	---	---					
14	---	---			---	---	---					
15	---	---			---	---	---					
16	---	---			---	---	---					
17	---	---			---	---	---					
18	---	---			---	---	---					
19	---	---			---	---	---					
20	---	---			---	---	---					
21	---	---			---	---	---					
22	---	---			---	---	---					
23	---	---			---	---	---					
24	---	---			---	---	---					
25	---	---			---	---	---					
26	---	---			---	---	---					
27	---	---			250	---	---					
28	---	---			260	---	---					
29	---	---			---	---	---					
30	400	---			---	---	---					
31	400	---			---	---	---					
MEAN	---	---			---	---	---					

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306620 ASPHALT WASH BLW CENTER FORK NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395426 LONGITUDE 1091555 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1					---					---	---	---
2					---					---	---	---
3					---					---	---	---
4					---					---	---	---
5					---					---	---	---
6					---					---	---	---
7					---					---	---	---
8					---					---	---	---
9					---					---	---	---
10					---					---	---	1200
11					---					---	---	---
12					---					---	1000	---
13					---					---	1400	---
14					---					---	---	---
15					---					800	---	---
16					---					1000	---	---
17					---					---	---	---
18					---					---	---	---
19					---					---	---	---
20					---					---	---	---
21					---					---	---	---
22					---					---	---	---
23					---					---	---	---
24					---					---	---	---
25					---					---	---	---
26					---					---	---	---
27					148					---	---	---
28					150					---	---	---
29					---					---	---	---
30					---					---	---	---
31					---					---	---	---
MEAN					---					---	---	---

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306625 ASPHALT WASH AT MOUTH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395628 LONGITUDE 1091619 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1						148	---			---	---	---
2						---	---			---	---	---
3						---	---			---	---	---
4						---	200			---	---	---
5						---	---			---	---	---
6						---	---			---	---	---
7						---	---			---	---	---
8						---	---			---	---	---
9						---	---			---	---	---
10						---	---			---	---	1240
11						---	---			---	---	---
12						---	---			---	1000	---
13						---	---			---	1400	---
14						---	---			---	1200	---
15						---	---			800	1500	---
16						---	---			1100	---	---
17						---	---			---	---	---
18						---	---			---	---	---
19						---	---			---	---	---
20						---	---			---	---	---
21						---	---			---	---	---
22						---	---			---	---	---
23						---	---			---	---	---
24						---	---			---	---	---
25						---	---			---	---	---
26						---	---			---	---	---
27						---	---			---	---	---
28						---	---			---	---	---
29						---	---			---	---	---
30						---	---			---	---	---
31						---	---			---	---	---
MEAN						---	---			---	---	---

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

PROCESS DATE 08-31-76

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	750	800	920	1020	860	812	959	763	458	267	690	750
2	750	790	963	952	880	829	982	780	407	247	700	760
3	750	790	965	888	880	883	941	780	424	267	690	770
4	750	790	991	891	860	867	920	820	389	260	700	780
5	750	800	975	894	850	823	974	820	354	269	700	780
6	750	801	893	916	830	847	1010	810	386	294	700	771
7	750	780	837	953	840	860	1020	750	432	304	710	777
8	750	782	807	913	840	865	1030	730	465	322	720	787
9	750	802	812	884	840	848	996	760	378	339	731	798
10	750	801	847	864	840	868	975	770	304	360	731	860
11	750	799	896	828	840	887	952	760	316	424	716	800
12	750	787	949	812	830	921	955	770	353	483	707	840
13	750	786	979	823	820	953	953	720	398	410	764	890
14	770	799	1010	840	810	979	955	660	298	565	823	860
15	770	811	1020	894	812	992	956	630	287	590	1100	760
16	760	813	950	890	824	981	956	631	309	505	1200	720
17	760	799	855	920	825	969	958	531	303	450	1300	790
18	750	799	848	880	817	950	960	469	309	450	1400	770
19	760	800	846	840	820	923	935	459	311	421	1400	760
20	750	812	844	820	830	898	892	415	318	440	1100	750
21	750	828	831	820	846	957	880	309	331	455	752	740
22	760	817	819	820	867	973	901	296	345	465	756	750
23	790	799	837	820	893	992	911	283	367	517	750	750
24	780	828	850	820	875	996	914	292	372	572	760	750
25	760	813	884	824	860	980	902	313	374	587	750	740
26	750	801	910	836	888	965	866	328	337	600	750	740
27	780	807	925	838	902	992	822	335	295	670	750	720
28	780	817	939	804	861	1000	777	318	313	680	740	730
29	780	840	954	800	---	988	726	370	322	690	760	740
30	810	872	1000	815	---	983	736	467	---	710	760	740
31	830	---	1040	830	---	971	---	484	---	700	750	---
MEAN	763	805	910	863	848	927	924	568	352	462	834	772

YEAR MAX 1400 MIN 247 MEAN 753

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306400 WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395826 LONGITUDE 1090749 DRAINAGE AREA 4.12 DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	696		---				---	673	349			
2	696		712				---	580	374			
3	694		613				---	411	365			
4	697		608				---	314	341			
5	702		601				688	329	326			
6	700		581				624	326	327			
7	697		591				586	370	322			
8	709		592				668	416	---			
9	713		600				775	426	---			
10	712		610				810	443	---			
11	711		603				823	377	---			
12	704		614				782	296	---			
13	712		603				746	253	---			
14	719		---				711	221	---			
15	721		---				702	227	---			
16	---		---				715	316	---			
17	---		---				720	234	---			
18	---		---				729	216	---			
19	---		---				782	260	---			
20	---		---				805	263	---			
21	---		---				859	283	---			
22	---		---				852	279	---			
23	---		---				822	281	---			
24	---		---				802	245	---			
25	---		---				776	250	---			
26	---		---				730	259	---			
27	---		---				725	317	---			
28	---		---				714	421	---			
29	---		---				709	401	---			
30	---		---				710	369	---			
31	---		---				---	345	---			
TOTAL	---		---				19400	10400	---			
MEAN	---		---				745	336	---			
MAX	---		---				859	673	---			
MIN	---		---				586	216	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number 01986480

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between _____ and _____ feet; hundredths below and tenths above these limits.

April		May		June		July		August		September		Day
Gage height	~~Discharge~~	Gage height	~~Discharge~~	Gage height	Conductivity Discharge	Gage height	Conductivity Discharge	Gage height	Conductivity Discharge	Gage height	Conductivity Discharge	
							634		b 714		750	1
							661		711		731	2
							682		708		792	3
							692		704		758	4
							700		700		768	5
							707		697		768	6
							697		694		796	7
					324		679		690		814	8
					338		689		692		805	9
					325		724		694		849	10
					300		753		696		853	11
					298		774		698		835	12
					301		700		700		890	13
					324		660		702		866	14
					377		658		704		864	15
					414		701		705		844	16
					426		798		708		794	17
					354		747		711		775	18
					329		747		713		748	19
					349		719		716		733	20
					368		b 720		719		738	21
					330		730		722		742	22
					276		740		725		716	23
					429		750		727		744	24
					497		760		730		769	25
					a 522		770		733		684	26
					547		780		736		689	27
					573		753		739		666	28
					cl 598		725		741		624	29
					623		722		744		596	30
							b 718		b 747			31

Fourth / Third / Second / First Quarter — Computed _____ Checked _____ Date _____

Fourth / Third / Second / First Quarter — Disch. applied _____ Disch. checked _____ Date _____

Fourth / Third / Second / First Quarter — G. H. applied _____ G. H. checked _____ Date _____

Period _____ Year _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number

Used rating table dated

Gage heights used to half tenths between ____ and ____ feet; hundredths below and tenths above these limits.

Gage Read to ..... Once / Twice a Day by .....

April		May		June		July		August		September		Day
Gage height	Discharge	Gage height	Discharge	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	
						Flow	1200.		0		0	1
						Flow	3384.	Flow	+			2
							0		0			3
												4
											0	5
										Flow	272.	6
									0		0	7
								Flow	+			8
					0			Flow	+			9
									0			10
							0				0	11
						Flow	+			Flow	171.	12
							0				0	13
												14
												15
												16
												17
												18
												19
												20
					0							21
				Flow	618.							22
				Flow	+						0	23
					0					Flow	+	24
										Flow	+	25
										Flow	+	26
										Flow	+	27
											0	28
												29
					0						0	30
							0		0			31

Fourth / Third / Second / First / Quarter — Computed ..... Checked ..... Date

Fourth / Third / Second / First / Quarter — Disch. applied ..... Disch. checked ..... Date

Fourth / Third / Second / First / Quarter — G. H. copied ..... G. H. checked ..... Date

Period
Year

+ = VERY SMALL FLOW (0.1 CFS) OR POOR RECORD

Unpublished Records
Subject to Revision

PROCESS DATE 02-01-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306420 EVACUATION CREEK AT WATSON UTAH STREAM SOURCE AGENCY USGS
LATITUDE 395258 LONGITUDE 1090924 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5300	4610	5210	5000	4940	1850	3710	4000	3940			
2	5290	4820	5320	5000	4990	1830	3690	4000	4440			
3	5280	4900	5240	5000	4980	1760	3710	4000	4720			
4	5270	4870	5090	5000	4860	1900	3720	4000	5220			
5	5280	4930	5230	5000	5190	2000	3600	4000	5580			
6	5280	5000	4820	5000	5070	2000	3500	4000	5610			
7	6350	5000	4960	5000	4930	2000	3520	4000	5600			
8	6480	5000	5060	5000	4850	2000	3950	4000	5650			
9	5530	5000	5110	5000	1790	2000	4210	2000	5690			
10	5380	5000	5140	5000	1500	3000	4200	2500	5710			
11	5330	5100	4930	5000	1600	3000	4220	3000	---			
12	5570	5510	4790	5000	1600	3000	4310	3500	---			
13	5690	5400	4660	5000	1600	3000	4210	4210	---			
14	5410	5350	4820	5000	1600	3000	3980	4260	---			
15	5370	4990	5070	5320	1700	3000	3640	4340	---			
16	5350	4940	5080	5310	1700	3000	3430	4240	---			
17	5340	4530	5100	5360	1700	4900	3420	3940	---			
18	5330	4940	5000	5360	1700	4110	3430	3680	---			
19	5330	4950	5000	5380	1700	3610	3500	3570	---			
20	5330	5060	5000	5420	1780	3280	3500	3500	---			
21	5330	4930	5000	5320	2360	3490	4000	3370	---			
22	5490	5060	5000	5400	2590	3560	4000	3170	---			
23	3900	4990	5000	5400	2670	3590	4000	3070	---			
24	3670	5080	5000	5410	2690	3610	4000	3190	---			
25	3140	5240	5000	5450	2710	3630	4000	3250	---			
26	4700	5470	5000	4900	2230	3620	4000	3440	---			
27	5180	5320	5000	5450	1770	3640	4000	3590	---			
28	5200	5190	5000	5420	1810	3650	4000	3830	---			
29	5280	5230	5000	5140	1820	3670	4000	4220	---			
30	5330	5260	5000	4910	---	3680	4000	4280	---			
31	3740	---	5000	4930	---	3690	---	3890	---			
MONTH	5180	5060	5020	5160	2770	3030	3850	3680	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number 09306420 S-6

Used rating table dated _____

Gage heights used to half tenths between ____ and ____ feet hundredths below and tenths above these limits.

Gage Read to _____ Once / Twice a Day by _____

April		May		June		July		August		September		Day
Gage height	Discharge	Gage height	Discharge	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	
							5968.		3452		4688	1
							5962		3483		4736	2
							5513.		3505		4635	3
							4660		2678		4659	4
							4897		2596		4669	5
							3269		2871		4566	6
							1065		3482		4306	7
							1796		3400		4387	8
							3795		3582		4424	9
					6456.		5035		3475		4456	10
					5857.		5212		4156		4439	11
					5905.		5226		4436		4527	12
					5987.		5236		4233		4471	13
					5819.		5267		3878		4371	14
					5766.		5240		3828		4496	15
					5746.		4200		3959		4480	16
					5886		3247		4096		3925	17
					5745		3230		4177		3641	18
					5682.		2306		4237		3742	19
					5656.		1706		4221		3837	20
					5596.		2641		4278		3956	21
					5491.		3542		4298		2972	22
					4807		3525		4066		4081	23
					5671.		3611		4305		3542	24
					5737.		3535		4494		1760	25
					5771.		2634		4567		1181	26
					5749.		2318		4596		2119	27
					5714		2623		4641		3193	28
					5708		3497		4683		4260	29
					5773		3472		4658		4407	30
							3509		4651			31

Fourth / Third / Second / First / Quarter — Computed ____ Checked ____ Date ____

Fourth / Third / Second / First / Quarter — Disch. applied ____ Disch. checked ____ Date ____

Fourth / Third / Second / First / Quarter — G. H. copied ____ G. H. checked ____ Date ____

Period
Year

Unpublished Records
Subject to Revision

PROCESS DATE 01-26-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306430 EVACUATION CH NR MOUTH NR WATSON,UT STREAM SOURCE AGENCY USGS
LATITUDE 395704 LONGITUDE 1090931 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5000	4100	4770	4650	4780	2910	4370	3380	3720			
2	5000	4200	4780	4680	4980	2890	4210	3240	3630			
3	5000	4300	4670	4660	4880	3880	3990	3190	3800			
4	5000	4500	4560	4670	4740	3840	3780	3180	4110			
5	5000	4730	4540	4650	4760	3890	3560	4400	4200			
6	5000	4730	4520	4620	4770	3940	3300	3900	4140			
7	5290	4690	4560	4650	4720	3950	3300	3320	4080			
8	4970	4630	4560	4620	4710	3940	3300	3220	---			
9	4740	4670	4560	4630	3940	3760	3400	2500	---			
10	4630	4640	4550	4620	900	3640	3500	1540	---			
11	4600	4710	4540	4640	1000	3350	3600	2950	---			
12	4600	4740	4510	4620	2500	3260	3800	3870	---			
13	4600	4750	4470	4640	3000	3240	3700	4260	---			
14	4600	4730	4580	4670	3000	3240	3900	4220	---			
15	4600	4740	4720	4630	3000	3250	3800	4240	---			
16	4600	4740	4720	4620	3000	3260	3800	4270	---			
17	4710	2700	4680	4630	3800	3270	3900	4140	---			
18	---	2760	4660	4620	3900	3290	3800	3900	---			
19	---	4820	4690	4630	3900	3340	3600	3720	---			
20	4600	4840	4720	4650	3900	3360	3700	3060	---			
21	4600	4790	4740	4660	4000	3340	3800	2380	---			
22	4500	4820	4770	4670	4000	3160	3900	1910	---			
23	4500	4820	4700	4660	4000	2750	4000	1860	---			
24	4500	4800	4660	4640	4100	2750	4050	1870	---			
25	4400	4830	4630	4680	3850	2830	3710	1790	---			
26	4400	4940	4630	4670	3340	2810	3510	2490	---			
27	4300	4850	4640	4650	2840	2830	3410	3380	---			
28	4300	4790	4670	4640	2770	2850	3370	4060	---			
29	4200	4810	4670	4660	2860	2860	3470	4090	---			
30	4100	4820	4630	4640	---	2850	3920	4100	---			
31	4000	---	4590	4650	---	3670	---	3900	---			
TOTAL	134300	137000	143700	144000	105900	102200	111500	102400	---			
MEAN	4630	4570	4640	4650	3650	3300	3720	3300	---			
MAX	5290	4940	4780	4680	4980	3950	4370	4400	---			
MIN	4000	2700	4470	4620	900	2750	3300	1540	---			

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number 09306430 S-2

Used rating table dated _____

G Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between ____ and ____ feet; hundredths below and tenths above these limits.

Day	April		May		June		July		August		September	
	Gage height	~~Discharge~~	Gage height	~~Discharge~~	Gage height	~~Conductivity Discharge~~	Gage height	~~Conductivity Discharge~~	Gage height	~~Conductivity Discharge~~	Gage height	~~Conductivity Discharge~~
1								4276		3271		4480
2								4132		3810		4480
3								4302		4193		4453
4								4208		3156		4491
5								4293		3080		4490
6								4226		4155		4516
7						4150		4124		4162		4543
8						4081.		4030		4434		4525
9						3917		2554		4182		4540
10						3736		3570		4318		4484
11						4071		3604		4259		4491
12						4237		b 3700		4292		2916
13						4274		3800		4314		3809
14						4135		3900		4391		3857
15						3793		4000		4408		3828
16						3572		4100		4396		4091
17						3841		4139		4315		4419
18						4290		b 4077		4374		4429
19						4214		2268		4352		4442
20						4007		1697		4379		4436
21						3796		2639		4394		4448
22						3871		4251		4450		4052
23						4180		4224		4527		3657
24						4318		4217		4413		3830
25						4311		4192		4407		1399
26						4316		2806		4574		931
27						4313		2072		4455		1907
28						4283		2189		4470		3744
29						4227		3237		4469		3758
30						4169		4101		4471		3735
31								4204		4471		

Fourth / Third / Second / First Quarter — Computed ____ Checked ____ Date ____

Fourth / Third / Second / First Quarter — Disch. applied ____ Disch. checked ____ Date ____

Fourth / Third / Second / First Quarter — G. H. copied ____ G. H. checked ____ Date ____

Period
Year

Unpublished Records
Subject to Revision

PROCESS DATE -25-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306500 WHITE R NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395846 LONGITUDE 1091041 DRAINAGE AREA 4020.00 DATUM 4946.78 STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	721	723	573	622	542	718	985	711	277	644		
2	720	728	619	614	532	675	977	632	297	---		
3	716	733	606	605	534	620	965	615	298	---		
4	721	709	564	584	536	690	951	569	290	---		
5	725	705	556	578	541	681	921	505	291	---		
6	722	710	553	585	539	714	916	505	286	---		
7	721	710	550	610	533	732	887	523	298	---		
8	728	710	574	598	528	722	870	541	315	---		
9	730	710	566	570	533	678	867	548	349	---		
10	732	710	573	554	529	650	897	528	338	---		
11	734	701	544	552	535	656	912	477	327	---		
12	726	708	525	557	488	682	872	487	323	---		
13	731	721	522	557	541	702	836	458	326	---		
14	736	712	515	562	614	746	798	446	322	---		
15	737	720	533	611	685	787	791	449	339	---		
16	734	738	549	620	699	796	801	404	362	---		
17	711	713	558	618	722	653	802	379	375	---		
18	700	701	566	650	691	781	795	380	385	---		
19	706	709	603	636	672	885	808	370	391	---		
20	708	695	652	615	738	748	831	357	394	---		
21	711	624	658	618	772	769	892	350	408	---		
22	713	699	703	628	765	831	903	347	490	---		
23	713	693	700	632	671	891	872	357	568	---		
24	718	672	700	638	614	934	849	354	548	---		
25	706	685	700	648	769	987	821	372	515	---		
26	710	629	678	625	800	978	782	395	521	---		
27	731	578	645	592	740	981	774	409	554	---		
28	763	553	630	570	745	1010	759	411	574	---		
29	765	562	625	583	760	1010	748	344	600	---		
30	747	554	622	636	---	1000	747	294	637	---		
31	705	---	622	597	---	975	---	280	---	---		
TOTAL	22400	20500	18600	18700	18400	24700	25600	13800	12100	---		
MEAN	724	684	599	602	633	795	854	445	404	---		
MAX	765	738	703	650	800	1010	985	711	688	---		
MIN	700	553	515	552	488	620	747	280	277	---		

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number [illegible]

Used rating table dated _____

Gage heights used to half tenths between ____ and ____ feet hundredths below and tenths above these limits.

...ed to _____ Once / Twice a Day by _____

...harge	May Gage height	May ~~Discharge~~	June Gage height	June Conductivity ~~Discharge~~	July Gage height	July Conductivity ~~Discharge~~	August Gage height	August Conductivity ~~Discharge~~	September Gage height	September Conductivity ~~Discharge~~	Day
						638.		966.		806	1
						[illegible]		977		825	2
						[illegible]		[illegible]		818	3
						[illegible]		903		817	4
						652.		[illegible]		819	5
						671.		[illegible]		832	6
						690.		[illegible]		[illegible]	7
						709.		755		840	8
						723.		854		[illegible]	9
						747.		939		845	10
						766.		850		837	11
						785.		820		[illegible]	12
						804.		832		865	13
						[illegible]		799		[illegible]	14
						[illegible]		804		[illegible]	15
						[illegible]		829		[illegible]	16
						[illegible]		805		[illegible]	17
						93		780		[illegible]	18
						[illegible]		[illegible]		764	19
						[illegible]		761		[illegible]	20
						[illegible]		763		[illegible]	21
						847		747		[illegible]	22
						[illegible]		731		720	23
						[illegible]		[illegible]		763	24
						949		[illegible]		[illegible]	25
						879		712		720	26
						922		719		713	27
						925		730		[illegible]	28
						873		742		[illegible]	29
						[illegible]		762		[illegible]	30
						821		[illegible]			31

Fourth / Third / Second / First / Quarter — Computed ____ Checked ____ Date ____

Fourth / Third / Second / First / Quarter — Disch. applied ____ Disch. checked ____ Date ____

Fourth / Third / Second / First / Quarter — G.H. copied ____ G.H. checked ____ Date ____

Period
Year

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between _____ and _____ feet; hundredths below and tenths above these limits.

Day	April Gage height	April Discharge	May Gage height	May Discharge	June Gage height	June Conductivity Discharge	July Gage height	July Conductivity Discharge	August Gage height	August Conductivity Discharge	September Gage height	September Conductivity Discharge
1												
2												
3												
4												
5												
6												
7						404						
8						399		710.				
9						420						
10						421						
11						423						
12						419						
13						411						
14						525						
15												
16						558						
17						581						
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												

Fourth / Third / Second / First Quarter — Computed _____ Checked _____ Date _____

Fourth / Third / Second / First Quarter — Disch. applied _____ Disch. checked _____ Date _____

Fourth / Third / Second / First Quarter — G. H. copied _____ G. H. checked _____ Date _____

Period _____

Year _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number 09206605 S-9

Used rating table dated _____

Gage heights used to half tenths between ____ and ____ feet; hundredths below and tenths above these limits.

Gage read to _____ Once / Twice a Day by _____

	April		May		June		July		August		September			
	Gage height	~~Discharge~~	Gage height	~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Day	
							FLOW	57		0		0	1	
								0					2	
													3	
													4	
													5	
						0							6	
													7	
													8	
													9	
													10	
													11	
													12	
													13	
													14	
													15	
													16	
													17	
													18	
													19	
						0							20	
					FLOW	+							21	
						0							22	
													23	
													24	
													25	
													26	
													27	
													28	
													29	
						0		0		0		0	30	
													31	

Fourth / Third / Second / First Quarter — Computed _____ Checked _____ Date _____

Fourth / Third / Second / First Quarter — Disch. applied _____ Disch. checked _____ Date _____

Fourth / Third / Second / First Quarter — G. H. applied _____ G. H. checked _____ Date _____

Period _____ Year _____

+ = VERY SMALL FLOW (LESS THAN 1 CFS) OR ROCK RECORD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number 09306610 S-13

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths ~~between~~ _____ and _____ feet; hundredths below and tenths above these limits.

April		May		June		July		August		September		Day
Gage height	~~Discharge~~	Gage height	~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	Gage height	Conductivity ~~Discharge~~	
							0		0		0	1
												2
												3
												4
											0	5
										Flow	+	6
											0	7
									0			8
								Flow	+			9
									0			10
											0	11
										Flow	82	12
											0	13
												14
					0							15
												16
												17
												18
												19
					0							20
				Flow	53							21
					0							22
												23
												24
												25
												26
												27
												28
												29
					0						0	30
							0		0			31

Fourth / Third / Second / First Quarter — Computed _____ Checked _____ Date _____

Fourth / Third / Second / First Quarter — Ditch. applied _____ Ditch. checked _____ Date _____

Fourth / Third / Second / First Quarter — C. H. applied _____ C. H. checked _____ Date _____

Period
Year

+ = VERY SMALL FLOW (ON CFS) OR POOR RECORD

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between ____ and ____ feet; hundredths below and tenths above these limits.

APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		DAY
Gage height	Discharge	Gage height	Discharge	Gage height	Conductivity Discharge	Gage height	Conductivity Discharge	Gage height	Conductivity Discharge	Gage height	Conductivity Discharge	
					0		0		0		0	1
												2
												3
												4
												5
			0									6
												7
												8
												9
											0	10
										FLOW	21.	11
											0	12
												13
												14
												15
												16
												17
												18
					0							19
												20
				FLOW	40.							21
												22
					0							23
											0	24
										FLOW	89.	25
										FLOW	104.	26
											0	27
												28
					0							29
			0				0		0		0	30
												31

FOURTH / THIRD / SECOND / FIRST QUARTER — Computed _____ Checked _____ Date _____

FOURTH / THIRD / SECOND / FIRST QUARTER — Disch. applied _____ Disch. checked _____ Date _____

FOURTH / THIRD / SECOND / FIRST QUARTER — G. H. applied _____ G. H. checked _____ Date _____

PERIOD

YEAR

River Creek

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between _____ and _____ fe- hundredths below and tenths above these limits.

DAY	APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		DAY		
	Gage height	~~Discharge~~	Gage height	~~Conductivity Discharge~~	Gage height	~~Conductivity Discharge~~	Gage height	~~Conductivity Discharge~~	Gage height	~~Conductivity Discharge~~	Gage height	~~Conductivity Discharge~~			
1				0		0		0		0		0	1	Second	Fourth / Third
2													2		
3													3	First	
4													4		
5				0								0	5	Quarter	Computed
6			Flow	+							Flow	91.	6		
7				0								0	7	Fourth	Checked
8													8		
9													9		
10													10	Third	
11												0	11		
12											Flow	17.	12	Second	
13												0	13		
14													14	First	
15													15		
16													16	Quarter	Disch. applied.
17													17		
18													18		Disch. checked.
19													19		
20													20	Fourth	
21				0		0							21		
22			Flow	+	Flow	133.							22	Third	
23				0		0							23		
24												0	24	Second	
25											Flow	22.	25		
26											Flow	211.	26	First	
27												0	27		
28													28	Quarter	G.H. copied.
29													29		
30						0						0	30		G.H. checked.
31		0		0				0		0			31	Period	
														Year	

PRINTING OFFICE: 1971—425-788

Unpublished Records
Subject to Revision

PROCESS DATE 01-25-77

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY

STATION NUMBER 09306700 WHITE R BLW ASPHALT WASH NR WATSON UT STREAM SOURCE AGENCY USGS
LATITUDE 395532 LONGITUDE 1091730 DRAINAGE AREA DATUM STATE 49 COUNTY 047

SPECIFIC CONDUCTANCE (MICROMHOS/CM AT 25 DEG. C), WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	881				---	703				
2	---	---	871				---	632				
3	---	802	822				---	602				
4	---	770	796				---	---				
5	---	754	771				---	---				
6	---	752	742				---	---				
7	---	750	744				---	---				
8	---	752	751				---	---				
9	727	754	746				---	---				
10	730	754	---				---	---				
11	---	750	---				---	---				
12	---	753	---				---	---				
13	---	756	---				---	---				
14	---	772	---				---	---				
15	---	755	---				---	---				
16	---	783	---				770	---				
17	---	772	---				775	---				
18	---	758	---				772	---				
19	---	761	---				781	---				
20	---	770	---				814	---				
21	---	762	---				837	---				
22	725	770	---				861	---				
23	721	783	---				849	---				
24	740	802	---				825	---				
25	723	813	---				803	---				
26	---	830	---				768	---				
27	---	854	---				749	---				
28	---	854	---				737	---				
29	---	855	---				724	---				
30	---	884	---				726	---				
31	---	---	---				---	---				
TOTAL	---	21900	---				---	---				
MEAN	---	783	---				---	---				
MAX	---	884	---				---	---				
MIN	---	750	---				---	---				

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number 09306600 S-11

Used rating table dated _____

Gage Read to _____ Once / Twice a Day by _____

Gage heights used to half tenths between _____ and _____ feet hundredths below and tenths above these limits.

April		May		June		July		August		September		Day
Gage height	Discharge	Gage height	Discharge	Gage height	Conductivity Discharge	Gage height	Conductivity Discharge	Gage height	Conductivity Discharge	Gage height	Conductivity Discharge	
					357		a 620		898		843	1
					374		639		955		856	2
			592		381		b 645		929		859	3
			586		361		651		906		852	4
			538		356		657		981		849	5
			513		346		663		907		850	6
			487.		348		670		865		857	7
			472		340		b 676		822		863	8
			481		360		682.		a 821		855	9
			555		364		703		821		829	10
			485		366		728		775		842	11
			481		357		634		759		830	12
			450		376		629		751		824	13
			428		416		714		818		975	14
			436		a 445		750		791		858	15
			414		a 474		777		816		857	16
			371		a 503		800		824		830	17
			368		532		806		773		811	18
			362		559		860		776		791	19
			346		575		911		773		742	20
			347		571		864		780		736	21
			344		586		816		787		738	22
			351		651		857		805		744	23
			364		559		849		814		770	24
			387		504		a 860		815		776	25
			407		511		a 872		807		748	26
			429		545		a 884		820		718	27
			437		a 564		895		835		718	28
			422		a 583		877		853		713	29
			393		a 601		772		849		723	30
			363				762		838			31
				13,853.		23,523.		25,764.		24,257.		
				462.		759.		831.		809.		
				601		911.		981.		975.		
				340.		620.		751.		713.		

Fourth / Third / Second / First Quarter — Computed _____ Checked _____ Date _____

Fourth / Third / Second / First Quarter — Ditch. applied _____ Ditch. checked _____ Date _____

Fourth / Third / Second / First Quarter — G. H. applied _____ G. H. checked _____ Date _____

Period
Year

Quality Data

1973-74, 1974-75, 1975-76

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Unpublished Records
Subject to Revision

DATE	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)
AUG 28...	750592	18.0	290	3	900	8.0	8	7.9	5.0	204	249	0
SEP 17...	--	18.0	--	7	890	--	13	7.8	6.7	217	264	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

Unpublished Records Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)
AUG 28...	--	.10	.00	.00	.46	.00	.00	.03	.00	--	--	--
SEP 17...	0	.01	.00	.00	.75	.00	.00	.13	.00	5.5	38	.00

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
AUG 28...	.0	280	76	61	31	110	2.9	46	3.8	68	210	.4
SEP 17...	.2	320	100	77	31	85	2.1	36	3.2	59	190	.3

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)
AUG												
28...	11	1	0	--	120	0	0	0	1	20	1	0
SEP												
17...	14	2	0	0	100	0	0	0	2	20	2	0

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)
AUG 28...	5	<1	--	--	.6	0	10	25	--	--	--	--
SEP 17...	4	1	0	1100	.4	20	10	25	1	4.30	5.70	1

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)
AUG 28...	--	.00	.00	.0	.00	.00	.00	.00	.00	0	.00	.00
SEP 17...	.0	--	--	--	--	--	--	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)
AUG 28...	.0	.00	.00	.00	626	618	490	.85	.13
SEP 17...	--	--	--	--	609	591	--	.83	.01

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)
AUG				
28...	.00	.00	.2	.0
SEP				
17...	.00	.00	.2	.0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306430 - EVACUATION CR NR MOUTH NR WATSON,UT

PROCESS DAT /07/77
DISTRICT CODE 49

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)
AUG 27...	750602	31.0	.50	7	5500	13.0	33	8.0	6.8	351	428	0
SEP 17...	--	26.0	--	20	4250	--	30	7.9	9.0	367	447	0

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (NI) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)
AUG												
27...	--	.09	.02	.32	.91	.34	.00	.01	.00	--	--	--
SEP												
17...	0	.09	.01	.10	1.2	.11	.00	.04	.00	13	43	.00

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
AUG												
27...	.0	1000	660	140	160	710	9.7	60	9.8	49	2100	.8
SEP												
17...	.2	1000	660	160	150	680	9.3	59	12	50	2000	.9

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
AUG 27...	9.5	2	50	<6	<20	2200	0	0	0	4	20	2
SEP 17...	10	3	100	0	--	1900	0	0	0	4	20	2

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DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
AUG 27...	80	57	2	<2	4200	1.2	10	<20	0	<5	<20	120
SEP 17...	40	67	2	0	3900	.4	20	--	30	--	--	120

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)
AUG 27...	--	<13	<20	--	--	--	--	.00	.00	.0	.00	.00
SEP 17...	2	--	--	8.50	4.20	4	.1	--	--	--	--	--

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DATE	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)
AUG 27...	.00	.00	.00	0	.00	.00	.0	.00	.00	.00	3570	3400
SEP 17...	--	--	--	--	--	--	--	--	--	--	3630	3290

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DATE	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)
AUG							
27...	4.82	4.86	.12	1.4	.07	.3	.0
SEP							
17...	--	4.94	.12	.44	.03	.3	.3

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)
JUL												
18...	--	24.0	29.0	467	--	700	9.2	--	7.5	12	189	230
AUG												
06...	--	26.0	27.0	382	--	800	7.7	--	8.1	3.1	198	241
27...	750601	19.0	--	275	4	900	7.0	9	8.1	3.0	192	234
SEP												
10...	--	28.5	34.0	202	--	1020	7.4	--	8.2	2.4	196	239
17...	--	15.0	--	400	7	740	--	5	8.2	2.6	215	262

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DATE	CARBONATE (CO3) (MG/L) (00445)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)	TOTAL PHOSPHORUS (P) (MG/L) (00665)	DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL INORGANIC CARBON (C) (MG/L) (00685)
JUL												
18...	--	--	--	--	--	--	.49	2.6	--	.84	--	--
AUG												
06...	--	--	--	--	--	--	.24	.09	--	.03	--	--
27...	0	--	.05	.00	.04	.33	.04	.00	.03	.00	--	--
SEP												
10...	--	--	--	--	--	--	.13	.09	--	.03	--	--
17...	0	0	.01	.00	.00	.38	.00	.00	.04	.00	4.5	32

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	CYANIDE (CN) (MG/L) (00720)	DIS-SOLVED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
JUL												
18...	--	--	260	76	68	23	55	1.5	31	2.4	30	140
AUG												
06...	--	--	310	110	70	32	74	1.8	34	2.5	35	200
27...	--	.1	290	99	60	34	90	2.3	40	2.8	42	210
SEP												
10...	--	--	460	260	120	39	120	2.4	36	3.0	79	220
17...	.00	.3	310	95	74	30	85	2.1	37	3.1	53	200

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)
JUL												
18...	.3	14	--	--	--	--	90	--	--	--	--	--
AUG												
06...	.3	15	--	--	--	--	100	--	--	--	--	--
27...	.4	12	2	63	<3	<10	90	0	0	0	2	20
SEP												
10...	.4	10	--	--	--	--	130	--	--	--	--	--
17...	.4	14	2	0	0	--	100	0	0	0	2	20

DATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
JUL												
18...	--	--	--	--	--	--	--	--	--	--	--	<11
AUG												
06...	--	--	--	--	<1	1000	.7	10	<10	<10	<10	--
27...	2	20	4	1	--	--	--	--	--	--	--	--
SEP												
10...	--	--	--	--	--	--	--	20	--	--	--	--
17...	2	0	4	<1	0	1000	.6		--	10	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)
JUL												
18...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
06...	--	--	--	--	--	--	--	--	--	--	--	--
27...	2	20	4	1	<1	950	.7	10	<8	20	<4	<11
SEP												
10...	--	--	--	--	--	--	--	--	--	--	--	--
17...	2	0	4	<1	0	1000	.6	20	--	10	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)
JUL												
18...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
06...	--	--	--	--	--	--	--	--	--	--	--	--
27...	0	--	<5	<12	--	--	--	--	.00	.00	.0	.00
SEP												
10...	--	--	--	--	--	--	--	--	--	--	--	--
17...	13	1	--	--	3.20	2.50	6	.0	--	--	--	--

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DATE	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)
JUL												
18...	--	--	--	--	--	--	--	--	--	--	--	--
AUG												
06...	--	--	--	--	--	--	--	--	--	--	--	--
27...	.00	.00	.00	.00	0	.00	.00	.0	.00	.00	.00	575
SEP												
10...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	602

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DATE	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)
JUL								
18...	451	569	.61	--	--	--	--	--
AUG								
06...	549	566	.75	--	--	--	--	--
27...	568	435	.78	.06	.18	.00	.1	.0
SEP								
10...	710	387	.97	--	--	--	--	--
17...	590	650	.82	.01	.00	.00	.2	.0

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DATE	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)
AUG												
28...	730593	18.0	289	5	1100	8.2	12	8.1	3.2	208	254	0
SEP												
18...	--	15.5	424	8	900	--	12	8.0	4.2	213	260	0

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)
AUG												
28...	--	.06	.00	.09	.20	.09	.00	.08	.00	--	--	--
SEP												
18...	2	.01	.00	.01	.79	.01	.00	.05	.00	7.0	17	.00

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WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
AUG 28...	.3	320	110	66	36	130	3.2	47	5.0	120	220	.3
SEP 18...	.2	310	100	76	30	72	1.8	33	3.0	39	190	.3

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
AUG												
28...	11	2	74	<3	<12	130	0	0	0	1	30	1
SEP												
18...	14	2	0	0	--	90	0	0	0	1	40	1

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
AUG												
28...	20	4	<1	<2	1000	.4	0	<10	0	<5	<14	60
SEP												
18...	0	3	1	1	1100	.8	10	--	20	--	--	13

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

PROCESSED 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)
AUG 28...	--	<7	<15	--	--	--	--	.00	.00	.0	.00	.00
SEP 18...	1	--	--	4.20	2.70	1	.0	--	--	--	--	--

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

Unpublished Records
Subject to Revision

DATE	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)
AUG												
28...	.00	.00	.00	0	.00	.00	.0	.00	.00	.00	717	718
SEP												
18...	--	--	--	--	--	--	--	--	--	--	549	554

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306600 - WHITE R ABV SOUTHAM CAN NR WATSON UT

DISTRICT CODE 49

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)
AUG 28...	559	.98	.08	.40	.00	.5	.0
SEP 18...	--	.75	.01	.04	.00	.0	.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

Unpublished Records Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	COLOR (PLATINUM COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)
AUG												
28...	750594	19.0	288	4	1650	8.2	9	8.2	2.5	205	250	0
SEP												
18...	--	19.0	424	7	925	--	16	8.4	1.7	217	265	0

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)
AUG												
28...	--	.13	.00	.03	.45	.03	.03	.05	.01	--	--	--
SEP												
18...	0	.01	.00	.00	.90	.00	.00	.19	.00	7.7	33	.00

Unpublished Record
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA+MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)
AUG 28...	.0	320	120	70	36	180	4.4	54	6.1	230	210	.3
SEP 18...	.1	320	100	76	31	74	1.8	33	3.1	42	200	.3

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
AUG												
28...	11	0	0	<4	<15	190	0	0	0	4	20	0
SEP												
18...	14	2	0	0	--	100	0	0	0	2	20	2

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)
AUG												
28...	0	4	<1	<2	1300	.6	10	<12	10	<6	<17	110
SEP												
18...	0	3	1	0	1100	.5	10	--	20	--	--	13

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)
AUG 28...	--	<8	<18	--	--	--	--	.00	.00	.0	.00	.00
SEP 18...	2	--	--	4.90	2.50	1	.0	--	--	--	--	--

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

Unpublished Records
Subject to Revision

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)
AUG												
28...	.00	.00	.00	0	.00	.00	.0	.00	.00	.00	892	868
SEP												
18...	--	--	--	--	--	--	--	--	--	--	596	572

Unpublished Records
Subject to Revision

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306700 - WHITE R BLW ASPHALT WASH NR WATSON UT

PROCESS DATE 02/07/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1973 TO SEPTEMBER 1974

DATE	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)
AUG							
28...	694	1.21	.17	.13	.00	.4	.0
SEP							
18...	--	.81	.01	.00	.00	.1	.3

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)
OCT.												
09...	--	751157	12.5	--	466	--	5	725	8.7	0	8.2	2.3
22...	--	--	11.0	--	434	--	--	779	--	8	--	--
NOV.												
13...	--	751759	3.5	--	409	--	5	770	--	10	8.3	1.9
21...	--	--	1.9	--	439	20	--	794	--	0	--	--
DEC.												
05...	--	751842	.0	--	349	20	8	875	--	8	8.4	1.8
17...	--	--	3.4	--	384	10	--	846	--	6	--	--
JAN.												
07...	--	--	.0	1.0	313	6	8	825	11.1	7	8.1	3.4
21...	--	--	.4	--	E320	20	--	800	--	4	--	--
FEB.												
04...	--	752441	.0	--	E380	20	5	790	10.4	8	8.4	1.6
18...	--	--	.2	--	400	20	--	780	--	4	--	--
MAR.												
04...	--	752676	.0	-1.0	E580	100	20	850	9.8	26	7.9	4.6
17...	--	--	.1	--	543	400	--	927	--	32	--	--
APR.												
04...	--	--	5.0	5.0	415	68	15	890	9.0	12	8.5	1.2
22...	--	--	12.9	--	400	38	--	860	6.2	13	--	--
MAY												
06...	--	753382	8.5	8.0	629	170	10	800	9.7	15	8.5	1.1
20...	--	--	11.0	--	1850	1200	--	480	6.0	140	8.3	1.2
JUNE												
05...	--	753715	16.5	27.0	2347	540	25	365	8.7	61	8.0	2.3
23...	--	--	12.9	--	2400	150	--	398	6.0	29	8.6	.6
JULY												
10...	--	--	20.0	--	2160	840	25	390	--	110	--	--
14...	.5	--	19.4	--	1620	96	--	431	--	24	8.1	2.1
AUG.												
05...	--	760245	21.0	26.0	545	46	10	675	8.0	13	8.4	1.5
SEP.												
09...	--	--	19.8	28.0	396	1	4	750	7.8	9	8.4	1.4

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 01/24/7
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)	TOTAL PHOSPHORUS (P) (MG/L) (00665)
OCT.												
09...	185	226	0	520	0	.03	.01	--	.42	.01	.00	.05
22...	185	225	0	--	0	.02	.00	.00	.24	.00	.00	.09
NOV.												
13...	192	234	0	520	0	.05	.00	.02	.03	.02	.09	.02
21...	200	244	0	--	1	.01	.00	.01	.29	.01	.03	.07
DEC.												
05...	228	266	6	630	1	.00	.00	.08	.11	.08	.00	.04
17...	209	255	0	--	--	.08	.00	.22	.22	.22	.06	.05
JAN.												
07...	218	266	0	600	11	.07	.01	.50	.35	.51	.12	.01
21...	197	240	0	--	4	.03	.00	.27	.31	.27	.09	.06
FEB.												
04...	203	248	0	540	3	.10	.01	.27	.48	.28	.09	.08
18...	199	243	0	--	6	.08	.00	.19	.31	.19	.09	.04
MAR.												
04...	189	230	0	520	5	.29	.01	.29	1.0	.30	.06	.12
17...	195	238	0	--	9	.04	.01	.12	1.2	.13	.09	.47
APR.												
04...	195	193	22	600	2	.02	.00	.04	.39	.04	.00	.03
22...	206	251	0	--	1	.02	.00	.02	.26	.02	.12	.17
MAY												
06...	177	214	1	510	2	.02	.00	.04	.57	.04	.06	.16
20...	127	155	0	--	1	.01	.00	.36	4.9	.36	.03	.46
JUNE												
05...	119	145	0	220	0	.01	.00	.19	3.5	.19	.09	.01
23...	126	154	0	--	1	.04	.01	.07	.75	.08	.03	.22
JULY												
10...	129	157	--	310	9	.00	.01	.11	3.7	.12	.06	.42
14...	134	163	0	--	1	.04	.01	.04	4.1	.05	.03	.28
AUG.												
05...	193	235	0	--	0	.00	.00	.01	.41	.01	.09	.22
SEP.												
09...	182	222	0	560	0	.00	.01	.65	.67	.66	.00	.03

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT

PROCESS DATE 01/24/77
DISTRICT CODE 49

WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)
OCT.												
09...	.00	--	.00	.1	270	85	67	25	57	1.5	31	1.9
22...	.00	--	--	.1	260	77	65	24	62	1.7	34	2.3
NOV.												
13...	.03	--	.00	.0	270	73	65	25	65	1.7	35	.9
21...	.01	--	--	.0	270	71	69	24	77	2.0	38	1.9
DEC.												
05...	.00	--	.00	.0	260	90	78	30	76	1.9	35	2.0
17...	.02	--	--	.1	290	80	73	26	68	1.7	34	1.4
JAN.												
07...	.04	2.1	.00	2.5	320	110	83	28	71	1.7	32	2.4
21...	.03	--	--	.1	270	70	69	23	63	1.7	34	2.0
FEB.												
04...	.03	--	.00	.2	280	74	73	23	67	1.8	34	1.9
18...	.03	--	--	.0	270	71	67	25	69	1.9	36	1.9
MAR.												
04...	.02	--	.01	.2	270	80	63	27	84	2.2	40	3.3
17...	.03	--	--	.2	320	120	74	32	76	1.9	35	4.0
APR.												
04...	.00	3.7	.00	.2	310	110	73	30	76	1.9	35	3.8
22...	.04	--	--	.3	310	110	72	32	83	2.0	37	2.1
MAY												
06...	.02	--	.00	.1	270	91	63	27	66	1.8	35	2.0
20...	.01	--	--	.0	170	45	41	17	30	1.0	27	2.0
JUNE												
05...	.03	.02	.00	.1	150	29	38	13	21	.8	23	1.4
23...	.01	.01	--	.0	170	48	45	15	21	.7	23	1.3
JULY												
10...	.02	.39	.00	.0	160	30	42	13	23	.8	24	1.7
14...	.01	--	--	.1	170	39	46	14	28	.9	26	1.6
AUG.												
05...	.03	--	.00	.1	270	80	66	26	53	1.4	30	2.0
SEP.												
09...	.00	--	.00	.0	260	82	61	27	72	1.9	37	2.5

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DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)
OCT.												
09...	32	160	.2	14	3	0	--	--	50	<1	0	0
22...	34	170	.3	12	--	--	--	--	--	--	--	--
NOV.												
13...	33	160	.3	13	2	0	--	--	70	0	0	0
21...	35	160	.2	12	--	--	--	--	--	--	--	--
DEC.												
05...	45	190	.3	14	1	<100	--	--	70	0	<10	1
17...	41	160	.3	14	--	--	--	--	--	--	--	--
JAN.												
07...	45	180	.3	17	1	59	<10	<10	60	0	0	0
21...	37	160	.2	15	--	--	--	--	--	--	--	--
FEB.												
04...	38	170	.2	16	4	<100	--	--	40	0	20	0
18...	38	160	.3	15	--	--	--	--	--	--	--	--
MAR.												
04...	41	180	.3	12	0	100	--	--	70	2	0	0
17...	45	210	.3	12	--	--	--	--	--	--	--	--
APR.												
04...	44	190	.2	13	1	50	<1	<4	70	0	0	0
22...	42	210	.3	12	--	--	--	--	--	--	--	--
MAY												
06...	37	170	.2	12	1	0	--	--	40	0	0	0
20...	12	84	.2	11	--	--	--	--	--	--	--	--
JUNE												
05...	8.3	59	.2	12	0	0	--	--	40	0	0	0
23...	9.2	81	.2	13	--	--	--	--	--	--	--	--
JULY												
10...	12	73	.2	13	1	100	0	<2	60	0	0	1
14...	13	69	.2	14	--	--	--	--	--	--	--	--
AUG.												
05...	25	150	.3	15	2	140	<1	<6	45	0	8	<2
SEP.												
09...	37	190	.3	8.8	1	<200	--	--	80	0	0	0

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DATE	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)
OCT.												
09...	0	20	3	0	3	4	--	--	1.3	30	--	0
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	1	40	0	0	2	16	--	--	.0	180	--	20
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	1	10	1	0	0	1	--	--	.0	<10	--	0
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
07...	12	10	3	10	1	8	0	1000	.0	10	<10	0
21...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	1	10	1	20	2	0	--	--	.0	20	--	0
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	20	40	2	20	3	3	--	--	2.0	20	--	10
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	4	10	0	0	2	2	0	970	.8	6	<4	20
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	2	30	0	0	3	0	--	--	1.8	8	--	<10
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	2	60	0	0	2	1	--	--	.8	0	--	30
23...	--	--	--	--	--	--	--	410	--	--	<2	--
JULY												
10...	2	50	1	10	1	5	0	410	1.2	10	<2	20
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
05...	5	--	4	--	6	12	0	680	10	30	<6	--
SEP.												
09...	3	0	0	0	2	1	--	--	1.5	0	--	40

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DATE	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)
OCT.												
09...	--	--	0	1	--	--	4.6	--	1.00	.600	1	--
22...	--	--	--	--	--	--	--	--	--	--	1	--
NOV.												
13...	--	--	0	1	--	--	2.5	--	--	--	0	--
21...	--	--	--	--	--	--	--	--	--	--	0	--
DEC.												
05...	--	--	<10	2	--	--	3.5	--	.800	.700	1	--
17...	--	--	--	--	--	--	--	<1.0	--	--	3	--
JAN.												
07...	<5	<10	10	2	<8	<18	5.6	<1.0	1.50	3.20	0	--
21...	--	--	--	--	--	--	--	--	--	--	2	--
FEB.												
04...	--	--	10	1	--	--	2.8	--	1.90	2.70	10	--
18...	--	--	--	--	--	--	--	--	--	--	0	--
MAR.												
04...	--	--	30	1	--	--	5.6	--	4.40	5.30	5	--
17...	--	--	--	--	--	--	--	<1.0	--	--	5	--
APR.												
04...	<2	<5	30	2	<4	<7	3.5	<1.0	1.60	1.40	4	.0
22...	--	--	--	--	--	--	--	--	--	--	5	--
MAY												
06...	--	--	20	2	--	--	4.0	--	3.10	2.10	4	--
20...	--	--	--	--	--	--	--	--	--	--	4	--
JUNE												
05...	--	--	0	1	--	--	3.4	--	13.0	2.30	4	--
23...	--	--	--	--	--	--	--	--	--	--	4	--
JULY												
10...	0	<2	0	1	7	<3	6.9	--	--	--	9	--
14...	--	--	--	--	--	--	--	--	--	--	4	--
AUG.												
05...	<2	<4	20	1	--	--	--	--	.900	1.30	2	--
SEP.												
09...	--	--	10	1	--	--	4.2	--	1.40	1.50	1	--

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DATE	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)
OCT.												
09...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
07...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	.00	.00	.0	.00	.00	.00	.00	.00	0	.00	.00	.0
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
10...	--	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)
OCT.									
09...	--	--	--	489	469	615	.67	.04	--
22...	--	--	--	498	481	584	.68	.03	.00
NOV.									
13...	--	--	--	498	478	550	.68	.06	.09
21...	--	--	--	509	500	603	.69	.01	.04
DEC.									
05...	--	--	--	569	575	536	.77	.00	.35
17...	--	--	--	529	511	548	.72	.10	.97
JAN.									
07...	--	--	--	573	564	484	.78	.09	2.2
21...	--	--	--	498	489	--	.68	.04	1.2
FEB.									
04...	--	--	--	534	513	--	.73	.13	1.2
18...	--	--	--	514	497	555	.70	.10	.84
MAR.									
04...	--	--	--	546	526	--	.74	.37	1.3
17...	--	--	--	575	574	843	.78	.05	.53
APR.									
04...	.00	.00	.00	570	549	639	.78	.03	.18
22...	--	--	--	592	578	639	.81	.03	.09
MAY									
06...	--	--	--	499	484	847	.68	.03	.18
20...	--	--	--	310	275	1550	.42	.01	1.6
JUNE									
05...	--	--	--	228	226	1440	.31	.01	.84
23...	--	--	--	255	262	1650	.35	.05	.31
JULY									
10...	--	--	--	250	256	1460	.34	.00	.49
14...	--	--	--	279	267	1220	.38	.05	.18
AUG.									
05...	--	--	--	452	464	665	.61	.00	.04
SEP.									
09...	--	--	--	517	511	553	.70	.00	2.9

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DATE	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)	
OCT.						
09...	.03	.1	.0	<7.1	3.7	
22...	.00	.5	--	--	--	
NOV.						
13...	.00	.1	.3	<4.1	2.0	
21...	.00	.2	--	--	--	5
DEC.						
05...	.00	.1	<.1	6.8	2.8	3.1±1.1
17...	.00	.1	--	--	--	4.7-2.0
JAN.						
07...	.03	.1	.2	13	4.7	
21...	.00	.0	--	--	--	
FEB.						
04...	.03	.1	.0	<8.0	2.4	
18...	.00	.1	--	--	--	
MAR.						
04...	.03	.1	.0	10	4.6	
17...	.03	.1	--	--	--	3.8±1.2
APR.						
04...	.00	.1	.0	12	2.9	
22...	.00	.1	--	--	--	
MAY						
06...	.00	.1	.1	<8.4	3.2	
20...	.00	.0	--	--	--	
JUNE						
05...	.00	.0	.0	3.7	2.7	3.8±1.6
23...	.03	.0	--	--	--	
JULY						
10...	.03	.0	.0	8.5	5.6	
14...	.03	.0	--	--	--	
AUG.						
05...	.00	.1	.0	--	--	
SEP.						
09...	.03	.1	.2	14	3.5	

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DATE	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	DISSOLVED AMMUNIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (P04) (MG/L) (00660)
JULY 16...	--	16	--	2020	189	231	--	--	--	--	.04	.00
AUG. 18...	--	--	190	718	93	113	.00	.12	.77	1.5	.89	.00
SEP. 10...	20.0	39	1	2670	93	113	.00	.21	1.3	1.2	1.5	.00

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DATE	TOTAL PHOSPHORUS (P) (MG/L) (00665)	DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L) (00671)	DISSOLVED SULFIDE (S) (MG/L) (00746)	HARDNESS (CA+MG) (MG/L) (00900)	NON-CARBONATE HARDNESS (MG/L) (00902)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	SODIUM ADSORPTION RATIO (00931)	PERCENT SODIUM (00932)	DISSOLVED POTASSIUM (K) (MG/L) (00935)
JULY											
16...	--	.00	--	810	620	260	38	160	2.5	30	11
AUG.											
18...	.07	.00	.2	290	200	84	19	39	1.0	22	7.0
SEP.											
10...	.03	.00	.2	1400	1300	470	57	170	2.0	21	18

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JULY											
16...	9.0	950	.4	15	--	210	--	420	520	--	--
AUG.											
18...	4.1	260	.4	7.5	1	90	17	70	--	890	130
SEP.											
10...	12	1600	.4	14	2	330	27	30	--	3500	110

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JULY											
16...	--	--	--	--	1560	69.1	2.12	--	--	--	--
AUG.											
18...	0	10	2	500	482	--	.68	.00	3.4	.39	.0
SEP.											
10...	40	60	0	2520	2410	265	3.43	.00	5.7	.69	.0

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DATE	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)
NOV.												
14...	--	751756	8.0	--	.14	--	--	10	4400	--	21	8.1
21...	--	--	6.2	--	.24	--	2	--	3990	--	21	--
DEC.												
04...	--	751843	--	--	.17	--	3	5	3400	--	20	8.3
17...	--	--	.6	--	.44	--	1	--	4170	--	27	--
JAN.												
08...	--	--	.0	1.0	--	--	2	5	4110	11.0	33	8.2
MAR.												
05...	--	752680	.0	13.0	3.4	--	600	20	3800	10.0	35	8.1
17...	--	--	2.1	--	.40	--	30	--	4540	--	13	--
APR.												
08...	--	752960	7.5	3.0	2.7	--	1400	2	4000	8.3	49	8.3
22...	--	--	16.2	--	2.0	2.13	3500	--	2900	8.0	270	--
MAY												
07...	--	753383	11.5	--	2.9	--	3600	6	3400	8.6	99	8.5
20...	--	--	17.7	--	3.3	--	760	--	4000	5.0	36	8.1
JUNE												
04...	--	753716	18.5	17.0	1.7	--	580	4	3700	8.1	27	8.3
23...	--	--	21.0	--	1.0	--	570	--	3430	3.8	31	8.7
JULY												
11...	--	--	31.4	--	.30	--	180	15	4500	6.2	20	8.2
23...	.2	--	--	--	.92	--	39000	--	2250	--	--	8.2
AUG.												
06...	--	760440	25.0	31.0	.08	--	12	7	4500	8.9	25	8.3
19...	--	--	21.2	--	.06	--	2	--	4490	--	23	9.2
SEP.												
11...	--	--	22.3	17.5	.91	--	7500	60	2310	7.2	390	8.4

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DATE	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (P04) (MG/L) (00660)
NOV.												
14...	5.9	384	468	0	3900	0	.08	.03	6.5	.59	6.5	.09
21...	--	360	439	0	--	0	.02	.02	.01	.67	.03	.03
DEC.												
04...	4.0	404	493	0	3800	0	.03	.03	8.8	.71	8.8	.03
17...	--	416	507	0	--	1	.11	.01	8.0	.70	8.0	.03
JAN.												
08...	5.8	469	572	0	3600	11	.05	.04	4.8	1.3	4.8	.09
MAR.												
05...	5.9	378	461	0	3400	5	.03	.01	2.1	1.6	2.1	.03
17...	--	390	475	0	--	3	.01	.01	5.0	.47	5.0	.06
APR.												
08...	3.7	383	467	0	3400	1	.03	.03	.94	2.3	.97	.00
22...	--	347	423	0	--	1	.02	.01	.79	25	.80	.12
MAY												
07...	2.4	388	473	0	3000	E2	.02	.01	.81	5.7	.82	.06
20...	6.0	386	470	0	--	1	.01	.00	.70	1.9	.70	.06
JUNE												
04...	3.7	382	466	0	3100	2	.02	.01	1.2	1.4	1.2	.06
23...	1.5	376	459	0	--	1	.04	.01	.19	1.3	.20	.00
JULY												
11...	4.6	371	452	0	4800	3	.00	.02	2.3	.67	2.3	.06
23...	3.0	243	296	0	--	--	.03	.02	1.1	.81	1.1	.00
AUG.												
06...	3.4	346	422	0	5600	0	.03	.03	4.8	.81	4.8	.06
19...	.5	381	464	0	--	1	.00	.03	5.6	.72	5.6	.00
SEP.												
11...	1.6	230	281	0	1800	E14	.00	.01	4.0	17	4.0	.00

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DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)
NOV.												
14...	.01	.03	--	.00	.0	1100	670	160	160	700	9.4	59
21...	.16	.01	--	--	.0	980	620	160	140	590	8.2	57
DEC.												
04...	.01	.01	--	.00	.0	1100	720	170	170	650	8.4	56
17...	.01	.01	--	--	.2	1100	710	170	170	660	8.6	56
JAN.												
08...	.01	.03	15	.00	2.3	1300	820	200	190	640	7.8	52
MAR.												
05...	.55	.01	--	.00	.0	990	610	150	150	640	8.8	58
17...	.03	.02	--	--	.1	1100	750	160	180	660	8.5	56
APR.												
08...	.84	.00	2.6	.00	.0	970	590	140	150	640	9.0	59
22...	4.8	.04	--	--	.1	730	380	110	110	490	7.9	59
MAY												
07...	.98	.02	--	.01	.1	900	510	130	140	650	9.4	61
20...	.67	.02	--	--	.0	960	570	120	160	640	9.0	59
JUNE												
04...	.00	.02	--	.00	.2	900	520	130	140	690	10	62
23...	.53	.00	--	--	.0	880	500	120	140	610	9.0	60
JULY												
11...	.07	.02	6.9	.00	.0	1100	730	160	170	770	10	60
23...	.02	.00	--	--	.1	760	520	190	69	290	4.6	45
AUG.												
06...	.03	.02	--	.00	.0	1100	730	150	170	790	10	61
19...	.04	.00	--	--	1.9	1100	670	140	170	730	9.8	60
SEP.												
11...	3.0	.00	--	.00	.0	590	360	130	64	320	5.7	54

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DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)
NOV.												
14...	1.4	36	2000	1.1	9.4	2	0	--	--	1300	0	0
21...	5.9	35	1800	2.1	27	--	--	--	--	--	--	--
DEC.												
04...	5.4	36	1900	.9	11	2	<100	--	--	1400	0	<10
17...	3.8	39	2000	1.0	11	--	--	--	--	--	--	--
JAN.												
08...	5.4	43	2000	1.3	15	1	<100	<10	<60	2400	0	0
MAR.												
05...	5.8	30	1900	.6	9.3	0	400	--	--	510	0	0
17...	6.2	36	2000	.9	10	--	--	--	--	--	--	--
APR.												
08...	8.0	31	1900	.4	9.5	1	60	<5	<15	330	0	<15
22...	5.2	23	1400	.5	10	--	--	--	--	--	--	--
MAY												
07...	5.0	28	1800	.6	10	1	0	--	--	280	0	0
20...	5.0	27	1900	.6	11	--	--	--	--	--	--	--
JUNE												
04...	6.9	29	1900	.6	12	1	0	--	--	330	0	0
23...	4.9	27	1700	.7	12	--	--	--	--	--	--	--
JULY												
11...	8.7	38	2300	.8	15	2	130	<5	<20	610	0	<20
23...	9.6	16	1200	.6	10	--	--	--	--	--	--	--
AUG.												
06...	8.8	43	2400	.9	13	2	<100	--	--	1100	0	0
19...	7.6	39	2100	1.0	14	--	--	--	--	--	--	--
SEP.												
11...	12	19	1000	.6	8.3	1	200	--	--	80	0	10

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NOV.												
14...	0	2	20	0	40	38	16	--	--	2.5	20	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	1	2	10	3	42	39	6	--	--	.3	10	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
08...	0	4	20	0	30	67	10	0	4100	.0	10	<60
MAR.												
05...	0	9	40	1	60	21	0	--	--	.0	20	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
08...	0	5	20	0	30	15	3	0	3300	.0	20	<15
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	0	3	40	0	20	13	1	--	--	1.1	2	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	0	4	120	0	20	31	2	--	--	.0	0	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
11...	2	4	20	1	40	23	6	0	3700	1.6	20	<30
23...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
06...	0	3	10	1	10	42	6	--	--	.8	0	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
11...	0	29	50	0	10	9	2	--	--	1.1	0	--

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DATE	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)
NOV.												
14...	0	--	--	90	6	--	--	16	--	--	--	1
21...	--	--	--	--	--	--	--	--	--	--	--	0
DEC.												
04...	0	--	--	80	7	--	--	<10	--	.200	.300	1
17...	--	--	--	--	--	--	--	--	--	--	--	1
JAN.												
08...	0	<30	<60	140	20	<40	<100	17	<1.0	1.30	1.00	1
MAR.												
05...	10	--	--	70	2	--	--	19	--	2.50	1.80	5
17...	--	--	--	--	--	--	--	--	--	--	--	11
APR.												
08...	50	<7	<20	60	1	<15	<30	17	<1.0	.900	.000	14
22...	--	--	--	--	--	--	--	--	--	--	--	10
MAY												
07...	10	--	--	50	2	--	--	22	--	--	--	8
20...	--	--	--	--	--	--	--	--	--	--	--	3
JUNE												
04...	30	--	--	80	3	--	--	<17	--	.800	.700	1
23...	--	--	--	--	--	--	--	--	--	--	--	2
JULY												
11...	30	<10	<30	70	4	<10	<40	21	--	--	--	6
23...	--	--	--	--	--	--	--	--	--	--	--	10
AUG.												
06...	20	--	--	90	3	--	--	30	--	5.20	3.90	10
19...	--	--	--	--	--	--	--	--	--	--	--	4
SEP.												
11...	40	--	--	30	1	--	--	29	--	8.40	13.0	11

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DATE	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)
NOV.												
14...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
08...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
08...	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00	.00
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
11...	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
11...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)
NOV.									
14...	--	--	--	--	3720	3330	1.49	5.06	.10
21...	--	--	--	--	3360	2980	2.18	4.57	.03
DEC.									
04...	--	--	--	--	3550	3230	1.63	4.83	.04
17...	--	--	--	--	3610	3340	4.29	4.91	.14
JAN.									
08...	--	--	--	--	3790	3410	--	5.15	.06
MAR.									
05...	--	--	--	--	3190	3120	29.5	4.34	.04
17...	--	--	--	--	3520	3310	3.80	4.79	.01
APR.									
08...	.0	.00	.00	.00	3240	3120	24.1	4.41	.04
22...	--	--	--	--	2460	2360	13.3	3.35	.03
MAY									
07...	--	--	--	--	3070	3000	24.0	4.18	.03
20...	--	--	--	--	3100	3100	27.6	4.22	.01
JUNE									
04...	--	--	--	--	3190	3140	15.2	4.34	.03
23...	--	--	--	--	2920	2840	7.88	3.97	.05
JULY									
11...	--	--	--	--	3870	3700	3.13	5.26	.00
23...	--	--	--	--	2020	1940	5.02	2.75	.04
AUG.									
06...	--	--	--	--	4040	3810	.97	5.49	.04
19...	--	--	--	--	3820	3460	.62	5.20	.00
SEP.									
11...	--	--	--	--	1770	1710	4.35	2.41	.00

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DATE	DIS SOLVED NITRATE (NO3) (MG/L) (71851)	DIS SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
NOV.						
14...	29	.10	.2	.0	<50	14
21...	.04	.07	.2	--	--	--
DEC.						
04...	39	.10	.3	.3	<32	<8.4
17...	35	.03	.3	--	--	--
JAN.						
08...	21	.13	.3	.1	46	14
MAR.						
05...	9.3	.03	.2	.0	<38	17
17...	22	.03	.2	--	--	--
APR.						
08...	4.2	.10	.1	.1	80	13
22...	3.5	.03	.2	--	--	--
MAY						
07...	3.6	.03	.2	.0	100	18
20...	3.1	.00	.5	--	--	--
JUNE						
04...	5.3	.03	.2	.0	<39	<13
23...	.84	.03	.2	--	--	--
JULY						
11...	10	.07	.2	.0	<67	18
23...	4.8	.07	.1	--	--	--
AUG.						
06...	21	.10	.3	.0	<62	25
19...	25	.10	.3	--	--	--
SEP.						
11...	18	.03	.1	.2	46	25

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DATE	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)
OCT.												
10...	--	--	10.5	--	.00	--	--	20	5000	8.5	34	8.2
23...	--	--	3.0	--	.02	--	--	--	5780	--	46	--
NOV.												
14...	--	751758	10.0	--	.01	--	--	20	5700	--	47	--
21...	--	--	3.7	--	.01	--	3	--	5750	--	38	--
DEC.												
05...	--	751716	.8	--	.26	--	30	20	5200	--	47	7.6
16...	--	--	2.6	--	.36	--	10	--	6170	--	39	--
JAN.												
08...	--	--	2.5	1.0	.01	--	3	20	6000	5.3	59	8.2
FEB.												
04...	--	752444	2.0	--	.02	--	3	5	5250	7.0	39	7.7
18...	--	--	1.0	--	.43	--	20	--	5700	--	49	--
MAR.												
04...	--	752679	.8	11.0	9.8	--	3500	30	3500	10.3	110	8.1
17...	--	--	3.3	--	.64	--	400	--	5140	--	51	--
APR.												
09...	--	752969	6.0	5.0	2.0	--	600	5	4800	7.6	42	8.5
22...	--	--	15.7	--	2.5	1.14	760	--	3900	6.1	43	--
MAY												
08...	--	753384	10.5	16.6	2.7	--	620	5	5000	7.5	34	8.3
20...	--	--	18.1	--	2.7	--	700	--	4400	5.0	47	8.2
JUNE												
04...	--	753717	28.2	--	1.6	--	400	8	4150	6.9	32	8.3
23...	--	--	26.8	--	1.7	--	520	--	4120	6.8	35	8.8
JULY												
15...	--	760242	22.5	--	2.4	--	6800	40	1650	6.7	330	7.9
29...	.2	--	15.0	--	.32	--	960	--	454	--	74	7.4
AUG.												
04...	--	760244	20.0	35.5	.01	--	26	20	5100	6.4	49	7.9
19...	--	--	22.3	--	.01	--	11	--	4740	--	45	--
SEP.												
10...	--	--	21.0	21.0	8.1	--	13000	65	850	6.3	790	8.1

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DATE	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (P04) (MG/L) (00660)
OCT.												
10...	5.8	475	579	0	--	0	.10	.01	--	1.0	.00	.03
23...	--	442	539	0	--	0	.06	.00	.00	.72	.00	.00
NOV.												
14...	--	477	582	0	4900	0	.02	.01	.07	.63	.08	.09
21...	--	470	573	0	--	0	.04	.00	.16	.71	.16	.06
DEC.												
05...	21	434	529	0	4700	0	.06	.03	1.3	.80	1.3	.03
16...	--	454	553	0	--	1	.13	.02	1.6	.74	1.6	.03
JAN.												
08...	6.5	527	642	0	5900	8	.06	.00	.03	.93	.03	.06
FEB.												
04...	19	485	591	0	4100	3	.03	.01	.01	.78	.02	.03
18...	--	482	588	0	--	5	.06	.00	.73	.94	.73	.03
MAR.												
04...	4.6	297	362	0	2600	7	.04	.02	2.2	1.5	2.2	.09
17...	--	364	444	0	--	2	.03	.01	1.4	1.4	1.4	.03
APR.												
09...	2.5	405	494	0	3800	2	.02	.03	2.0	1.2	2.0	.00
22...	--	405	494	0	--	1	.00	.01	1.4	2.3	1.4	.12
MAY												
08...	3.7	382	466	0	4000	52	.02	.04	1.5	1.2	1.5	.06
20...	4.6	377	460	0	--	1	.03	.01	1.2	1.8	1.2	.09
JUNE												
04...	1.7	176	129	42	4200	2	.01	.00	1.2	1.2	1.2	.12
23...	1.1	349	426	0	--	4	.03	.01	.99	1.2	1.0	.00
JULY												
15...	3.1	128	156	0	1300	--	.00	.05	.93	7.9	.98	.00
25...	10	132	161	0	--	0	.00	.01	.04	3.0	.05	.03
AUG.												
04...	11	459	559	0	--	1	.00	.03	.06	.96	.09	.00
19...	--	467	569	0	--	1	.00	.01	.03	.67	.04	.00
SEP.												
10...	1.9	126	153	0	740	E12	.03	.05	4.9	4.7	4.9	.00

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DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00745)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)
OCT.												
10...	.01	.01	22	90	.00	.2	1500	990	220	220	1000	11
23...	.12	.00	--	--	--	.2	1400	950	210	210	980	11
NOV.												
14...	.01	.03	--	--	.00	.0	1300	770	220	170	1000	12
21...	.48	.02	--	--	--	.0	1300	820	220	180	960	12
DEC.												
05...	.03	.01	--	--	.00	.0	1300	860	190	200	880	11
16...	.03	.01	--	--	--	.3	1300	870	200	200	860	10
JAN.												
08...	.01	.02	21	--	.00	.0	1600	1100	240	250	1100	12
FEB.												
04...	.02	.01	--	--	.00	.2	1500	1000	220	230	1000	11
18...	.04	.01	--	--	--	.1	1400	950	210	220	970	11
MAR.												
04...	3.3	.03	--	--	.00	.0	840	540	120	130	500	7.5
17...	.86	.01	--	--	--	.2	1100	740	160	170	700	9.2
APR.												
09...	.33	.00	8.2	--	.00	.1	1100	720	170	170	730	9.5
22...	.99	.04	--	--	--	.0	1100	670	150	170	790	10
MAY												
08...	.24	.02	--	--	.01	.0	1000	650	150	160	720	9.7
20...	.66	.03	--	--	--	.0	1100	690	130	180	740	9.9
JUNE												
04...	.01	.04	--	--	.01	.1	940	770	130	150	670	9.5
23...	.52	.00	--	--	--	.0	1000	650	120	170	700	9.6
JULY												
15...	4.7	.00	34	--	.02	.3	340	220	73	39	230	5.4
25...	1.2	.01	--	--	--	.1	180	48	49	14	29	.9
AUG.												
04...	.08	.00	--	--	.00	.1	1400	910	200	210	980	12
19...	.04	.00	--	--	--	.2	1400	960	210	220	980	11
SEP.												
10...	7.0	.00	--	--	.00	.3	210	84	51	20	120	3.6

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DATE	PERCENT SODIUM (00932)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED ARSENIC (AS) (UG/L) (01000)	DISSOLVED BARIUM (BA) (UG/L) (01005)	DISSOLVED BERYLLIUM (BE) (UG/L) (01010)	DISSOLVED BISMUTH (BI) (UG/L) (01015)	DISSOLVED BORON (B) (UG/L) (01020)	DISSOLVED CADMIUM (CD) (UG/L) (01025)
OCT.												
10...	60	11	64	3000	.9	9.9	3	0	0	--	2100	<1
23...	60	9.2	63	2900	.9	9.6	--	--	--	--	--	--
NOV.												
14...	63	2.2	64	2800	1.1	9.4	3	0	--	--	2700	0
21...	62	10	63	2700	.9	9.8	--	--	--	--	--	--
DEC.												
05...	59	7.4	56	2600	.9	9.0	3	<100	--	--	2300	0
16...	58	5.5	58	2600	1.0	9.2	--	--	--	--	--	--
JAN.												
08...	59	8.8	74	3300	1.0	11	1	<100	<10	<90	310	0
FEB.												
04...	59	9.3	67	3200	.8	10	5	<100	--	--	2400	0
18...	59	7.8	67	2900	1.0	8.8	--	--	--	--	--	--
MAR.												
04...	56	6.1	30	1400	.6	6.8	0	<100	--	--	670	0
17...	58	7.3	44	2100	.9	7.0	--	--	--	--	--	--
APR.												
09...	58	8.8	44	2100	1.0	9.3	1	70	<10	<20	1200	0
22...	61	6.6	39	2200	.8	10	--	--	--	--	--	--
MAY												
08...	60	6.8	39	2200	.8	15	2	0	--	--	1100	0
20...	60	6.2	36	2100	.8	11	--	--	--	--	--	--
JUNE												
04...	61	5.4	39	2100	.8	12	2	0	--	--	500	0
23...	60	6.5	35	2100	.8	17	--	--	--	--	--	--
JULY												
15...	59	5.7	18	680	.5	6.3	2	86	0	<10	380	0
23...	26	1.9	12	83	.2	14	--	--	--	--	--	--
AUG.												
04...	61	12	63	3000	1.0	12	3	<100	<6	<40	2600	0
19...	60	12	59	2800	1.1	13	--	--	--	--	--	--
SEP.												
10...	54	7.0	15	320	.6	5.5	2	<200	--	--	230	0

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DATE	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
OCT.												
10...	0	0	3	50	2	70	38	12	1	4100	2.8	10
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	0	0	4	20	0	130	45	18	--	--	2.6	20
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	<10	3	7	20	2	210	40	14	--	--	2.3	10
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
08...	0	0	3	30	0	160	33	7	0	4300	4.2	10
FEB.												
04...	20	0	4	10	0	67	24	4	--	--	.0	20
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	0	0	7	220	0	10	20	0	--	--	6.7	40
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	0	0	5	20	0	0	28	3	0	3600	.0	20
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
08...	0	0	7	40	0	20	24	1	--	--	1.2	10
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	0	0	3	50	0	10	19	1	--	--	.0	0
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
15...	0	2	9	50	0	20	14	4	0	1200	1.6	10
25...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	10	0	3	30	3	100	43	7	<3	4200	.6	10
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	0	0	31	110	0	10	7	8	--	--	.9	40

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DATE	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)
OCT.												
10...	--	10	--	--	120	0	--	--	--	--	.400	.500
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	--	0	--	--	110	0	--	--	20	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	--	0	--	--	100	3	--	--	21	--	.900	.500
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
08...	<90	10	<40	<90	120	0	<60	<150	38	<1.0	1.30	1.80
FEB.												
04...	--	0	--	--	100	0	--	--	170	--	1.80	3.00
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	--	20	--	--	60	4	--	--	<17	--	19.0	4.00
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	<20	30	<9	<30	90	4	<20	<40	18	<1.0	.200	.000
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
08...	--	20	--	--	80	3	--	--	<17	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	--	30	--	--	50	2	--	--	<18	--	4.20	2.90
23...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
15...	<10	30	<3	<7	20	2	<3	<10	26	--	.000	.000
25...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	<40	10	<10	<25	120	0	30	<50	--	--	1.80	1.80
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	--	90	--	--	10	1	--	--	18	--	5.80	6.60

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OCT.												
10...	1	.0	--	--	--	--	--	--	--	--	--	--
23...	7	--	--	--	--	--	--	--	--	--	--	--
NOV.		9										
14...	0	2±3 --	--	--	--	--	--	--	--	--	--	--
21...	0	--	--	--	--	--	--	--	--	--	--	--
DEC.		7-0										
05...	3	--	--	--	--	--	--	--	--	--	--	--
16...	0	--	--	--	--	--	--	--	--	--	--	--
JAN.												
08...	0	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	6	--	--	--	--	--	--	--	--	--	--	--
18...	0	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	5	--	--	--	--	--	--	--	--	--	--	--
17...	4	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	4	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
22...	3	--	--	--	--	--	--	--	--	--	--	--
MAY												
08...	3	--	--	--	--	--	--	--	--	--	--	--
20...	4	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	1	--	--	--	--	--	--	--	--	--	--	--
23...	2	--	--	--	--	--	--	--	--	--	--	--
JULY												
15...	24	--	--	--	--	--	--	--	--	--	--	--
29...	7	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	4	--	--	--	--	--	--	--	--	--	--	--
19...	5	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	9	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	DISSOLVED SOLIDS (TONS PER DAY) (70302)	DISSOLVED SOLIDS (TONS PER AC-FT) (70303)
OCT.									
10...	--	--	--	--	--	5150	4820	.11	7.00
23...	--	--	--	--	--	4970	4650	.27	6.76
NOV.									
14...	--	--	--	--	--	5090	4560	.18	6.92
21...	--	--	--	--	--	4700	4430	.13	6.39
DEC.									
05...	--	--	--	--	--	4530	4210	3.18	6.16
16...	--	--	--	--	--	4500	4210	4.62	6.12
JAN.									
08...	--	--	--	--	--	5620	5310	.15	7.64
FEB.									
04...	--	--	--	--	--	5190	5030	.28	7.06
18...	--	--	--	--	--	4780	4700	5.55	6.50
MAR.									
04...	--	--	--	--	--	2560	2380	68.4	3.48
17...	--	--	--	--	--	3520	3410	6.08	4.79
APR.									
09...	.00	.0	.00	.00	.00	3880	3490	21.3	5.28
22...	--	--	--	--	--	3880	3620	26.2	5.28
MAY									
08...	--	--	--	--	--	3680	3530	26.8	5.00
20...	--	--	--	--	--	3680	3440	26.8	5.00
JUNE									
04...	--	--	--	--	--	3640	3220	15.8	4.95
23...	--	--	--	--	--	3450	3360	15.8	4.69
JULY									
15...	--	--	--	--	--	1170	1140	7.77	1.59
29...	--	--	--	--	--	281	283	.24	.38
AUG.									
04...	--	--	--	--	--	4920	4760	.13	6.69
19...	--	--	--	--	--	4800	4580	.13	6.53
SEP.									
10...	--	--	--	--	--	604	637	13.3	.82

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DATE	DIS_ SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.							
10...	.13	--	.03	.4	.0	--	--
23...	.08	.00	.00	.4	--	--	--
NOV.							
14...	.03	.31	.03	.4	.0	<60	18
21...	.05	.71	.00	.4	--	--	--
DEC.							
05...	.08	5.6	.10	.4	<.1	53	18
16...	.17	7.0	.07	.4	--	--	--
JAN.							
08...	.08	.13	.00	.4	.0	120	30
FEB.							
04...	.04	.04	.03	.3	.0	61	140
18...	.08	3.2	.00	.4	--	--	--
MAR.							
04...	.05	9.7	.07	.2	.0	<30	<20
17...	.04	6.2	.03	.2	--	--	--
APR.							
09...	.03	8.7	.10	.3	.0	50	15
22...	.00	6.2	.03	.3	--	--	--
MAY							
08...	.03	6.5	.13	.2	.0	<52	<14
20...	.04	5.3	.03	.2	--	--	--
JUNE							
04...	.01	5.3	.03	.3	.0	67	<14
23...	.04	4.4	.03	.3	--	--	--
JULY							
15...	.00	4.1	.16	.1	.0	16	20
25...	.00	.18	.03	.1	--	--	--
AUG.							
04...	.00	.27	.10	.4	.0	--	--
19...	.00	.13	.03	.4	--	--	--
SEP.							
10...	.04	21	.16	.1	.0	<10	15

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09306430 - EVACUATION CR NR MOUTH NR WATSON,UT

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WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	DEPTH (FT) (00003)	SAMPLE NUMBER (00038)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)
OCT.												
10...	--	751131	22.5	--	.02	--	--	10	4500	11.3	19	8.2
22...	--	--	6.5	--	.18	--	--	--	4710	--	6	8.0
NOV.												
12...	--	751757	7.0	--	.05	--	--	7	4400	--	35	8.7
22...	--	--	10.7	--	.14	--	1	--	4400	--	19	8.4
DEC.												
05...	--	751717	5.2	--	.06	--	1	10	4300	--	25	8.4
16...	--	--	.5	--	.04	--	1	--	--	--	24	--
JAN.												
09...	--	752272	1.5	-3.5	.04	--	2	3	4500	8.1	24	8.3
FEB.												
04...	--	--	3.5	1.0	.05	--	1	5	4600	8.4	24	7.8
17...	--	--	3.0	--	.03	--	4	--	5500	--	27	--
MAR.												
04...	--	--	6.0	12.0	10	--	2800	20	2800	9.2	88	8.1
17...	--	--	5.2	--	.25	--	3	--	4210	--	22	--
APR.												
09...	--	--	10.5	7.0	1.3	--	240	5	4000	7.4	37	7.8
22...	--	--	17.0	--	1.1	2.00	30	--	4250	6.9	25	--
MAY												
07...	--	753401	6.2	--	2.8	--	800	8	4500	8.5	52	8.2
20...	--	--	17.9	--	1.8	--	800	--	4800	4.9	50	8.0
JUNE												
02...	--	--	23.5	24.5	1.6	--	2700	10	3650	7.6	110	7.9
24...	--	--	15.5	--	1.8	--	380	--	4080	--	32	--
JULY												
07...	--	--	24.0	28.0	.37	--	3	10	3600	--	28	7.8
14...	.2	--	17.0	--	3.1	--	33000	--	2410	--	2600	7.3
AUG.												
04...	--	760439	30.0	--	.20	--	18	10	4250	7.1	28	7.5
19...	8.0	--	25.5	--	.14	--	29	--	4400	--	31	9.0
SEP.												
08...	--	--	24.5	24.0	.08	--	0	7	4400	8.0	26	8.2
10...	--	--	13.8	--	6.9	--	--	--	1200	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1974 TO SEPTEMBER 1975

DATE	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (P04) (MG/L) (00660)
OCT.												
10...	4.7	382	466	0	3600	250	.12	.00	--	.85	.00	.00
22...	7.2	368	449	0	--	1	.03	.00	.00	1.0	.00	.03
NOV.												
12...	1.6	399	487	0	3900	0	.11	.01	.01	.49	.02	.03
22...	3.1	404	493	0	--	0	.01	.00	.02	.36	.02	.03
DEC.												
05...	3.2	412	502	0	4000	0	.02	.03	.13	.44	.16	.03
16...	--	434	529	0	--	0	.11	.01	.08	.66	.09	.03
JAN.												
09...	4.3	444	541	0	4400	8	.01	.01	.01	.63	.02	.03
FEB.												
04...	14	444	541	0	5000	5	.01	.03	.02	.48	.05	.09
17...	--	443	540	0	--	--	--	.00	.01	.48	.01	.06
MAR.												
04...	3.8	247	301	0	2200	5	.10	.11	.99	.82	1.1	.03
17...	--	438	534	0	--	9	.04	.00	1.2	.39	1.2	.09
APR.												
09...	13	406	495	0	3800	3	.03	.00	1.5	.67	1.5	.00
22...	--	404	492	0	--	2	.11	.01	1.8	.63	1.8	.12
MAY												
07...	4.9	395	482	0	3800	1	.02	.02	1.7	2.1	1.7	.06
20...	7.0	359	438	0	--	1	.03	.01	1.3	2.2	1.3	.03
JUNE												
02...	6.5	297	362	0	3100	2	.01	.03	1.1	5.0	1.1	.06
24...	--	340	415	--	--	1	.03	.02	1.1	1.2	1.1	.03
JULY												
07...	12	386	471	0	--	2	.03	.07	.92	.54	.99	.06
14...	25	251	306	0	--	--	.04	.03	1.1	.16	1.1	.00
AUG.												
04...	24	390	475	0	2800	1	.04	.03	.93	.57	.96	.06
19...	.7	374	456	0	--	1	.00	.01	.34	.43	.35	.00
SEP.												
08...	4.9	396	483	0	3900	0	.03	.03	.41	2.5	.44	.03
10...	--	125	152	--	--	--	--	--	--	--	--	.00

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DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)
OCT.												
10...	.01	.00	--	.00	.0	1100	740	170	170	730	9.5	58
22...	.05	.01	--	--	.1	1100	690	160	160	720	9.6	59
NOV.												
12...	.02	.01	--	.00	.0	1100	670	180	150	710	9.5	59
22...	.03	.01	--	--	.0	1100	660	180	150	700	9.3	59
DEC.												
05...	.02	.01	--	.00	.0	1100	650	160	160	710	9.5	59
16...	.02	.01	--	--	.3	1200	720	180	170	730	9.4	58
JAN.												
09...	.02	.01	11	.00	.1	1200	760	200	170	760	9.6	58
FEB.												
04...	.05	.03	--	.00	.1	1200	750	180	180	780	9.8	59
17...	.03	.02	--	--	.0	1200	750	180	180	780	9.8	59
MAR.												
04...	.30	.01	--	.00	.0	690	440	110	100	420	7.0	57
17...	.01	.03	--	--	.1	1100	650	170	160	690	9.1	58
APR.												
09...	.15	.00	8.1	.00	.2	1200	770	190	170	660	8.4	55
22...	.08	.04	--	--	.1	1100	720	170	170	710	9.2	58
MAY												
07...	.29	.02	--	.01	.0	1100	660	160	160	760	10	61
20...	.52	.01	--	--	.0	1000	650	140	160	730	10	61
JUNE												
02...	.01	.02	--	.01	.1	970	670	140	150	610	8.5	58
24...	.32	.01	--	--	.0	1100	750	140	180	690	9.1	58
JULY												
07...	.00	.02	8.2	.00	.1	1100	690	180	150	680	9.1	58
14...	.00	.00	--	--	.1	810	560	200	75	330	5.1	47
AUG.												
04...	.04	.02	--	.00	.0	1100	690	170	160	710	9.4	59
19...	.01	.00	--	--	.1	950	580	150	140	550	7.8	55
SEP.												
08...	.00	.01	--	.00	.2	1200	750	180	170	750	9.6	58
10...	--	.00	--	--	--	260	130	62	25	160	4.3	57

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DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)
OCT.												
10...	10	53	2200	.8	7.9	2	0	--	--	1900	0	0
22...	8.9	55	2200	.9	7.9	--	--	--	--	--	--	--
NOV.												
12...	1.8	52	2100	.8	7.6	2	0	--	--	2300	0	0
22...	7.8	52	2000	.6	8.0	--	--	--	--	--	--	--
DEC.												
05...	7.0	51	2000	.8	8.3	2	<100	--	--	2000	0	<10
16...	5.4	58	2100	.8	8.8	--	--	--	--	--	--	--
JAN.												
09...	7.9	58	2400	.8	10	2	0	0	<65	2400	0	0
FEB.												
04...	7.7	60	2400	.7	9.8	6	<100	--	--	2500	0	30
17...	7.2	59	2300	.8	8.9	--	--	--	--	--	--	--
MAR.												
04...	6.2	25	1200	.5	6.1	0	100	--	--	590	0	0
17...	9.5	47	1900	.8	10	--	--	--	--	--	--	--
APR.												
09...	8.2	47	2000	.7	10	1	<100	<10	--	1700	1	0
22...	8.6	47	2100	.8	10	--	--	--	--	--	--	--
MAY												
07...	7.4	44	2200	.8	10	2	0	--	--	1200	0	0
20...	7.1	42	2100	.8	11	--	--	--	--	--	--	--
JUNE												
02...	7.2	41	1900	.7	9.9	1	0	--	--	990	0	0
24...	7.9	42	2200	.8	14	--	--	--	--	--	--	--
JULY												
07...	9.1	44	2100	.9	11	0	0	0	--	1500	0	0
14...	9.6	20	1300	.6	10	--	--	--	--	--	--	--
AUG.												
04...	10	48	2200	.9	11	1	<100	--	--	1600	1	0
19...	7.5	46	1700	.7	11	--	--	--	--	--	--	--
SEP.												
08...	11	49	2300	.9	10	2	<200	--	--	1700	0	10
10...	7.7	25	430	.6	6.9	--	--	--	--	250	--	--

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DATE	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)
OCT.												
10...	0	2	30	3	30	53	9	--	--	3.2	10	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	0	2	20	0	60	49	6	--	--	3.1	60	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	2	1	50	2	70	47	9	--	--	1.3	<10	--
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
09...	1	4	40	3	190	53	7	0	4200	.0	40	<65
FEB.												
04...	0	3	20	1	110	37	5	--	--	.0	40	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	0	600	100	0	20	20	0	--	--	.0	40	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	0	160	30	3	90	38	3	0	3800	.0	20	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	0	6	80	0	30	28	2	--	--	1.3	70	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	0	10	200	4	40	35	3	--	--	.0	20	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
07...	2	7	10	1	50	41	6	0	3700	.7	0	--
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	0	9	10	1	40	44	6	--	--	.7	10	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	0	3	0	0	30	50	1	--	--	.6	10	--
10...	--	29	200	--	60	--	--	--	--	--	--	--

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DATE	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)
OCT.												
10...	0	--	--	150	1	--	--	23	--	13.0	5.40	2
22...	--	--	--	--	--	--	--	--	--	--	--	3
NOV.												
12...	10	--	--	130	0	--	--	19	--	--	--	1
22...	--	--	--	--	--	--	--	--	--	--	--	0
DEC.												
05...	0	--	--	110	1	--	--	23	--	.600	.500	0
16...	--	--	--	--	--	--	--	--	--	--	--	1
JAN.												
09...	20	<30	<65	130	0	<45	<110	66	<1.0	.000	.500	6
FEB.												
04...	20	--	--	130	1	--	--	16	--	3.30	4.60	25
17...	--	--	--	--	--	--	--	--	--	--	--	0
MAR.												
04...	90	--	--	50	2	--	--	25	--	8.50	4.50	7
17...	--	--	--	--	--	--	--	--	--	--	--	4
APR.												
09...	30 5	--	--	120 5	2	--	--	29	<1.0	1.00	1.10	2
22...	-- 64±47	--	--	-- 92±28	-- 5	--	--	--	--	--	--	4
MAY												
07...	90	--	--	100	4 ±1	--	--	<17	--	--	--	4
20...	-- 110-0	--	--	-- 120-50	-- 4-2	--	--	--	--	--	--	3
JUNE												
02...	110	--	--	80	2	--	--	<18	--	18.0	10.0	8
24...	--	--	--	--	--	--	--	--	--	--	--	1
JULY												
07...	0	--	--	110	3	--	--	--	--	1.50	.800	1
14...	--	--	--	--	--	--	--	--	--	--	--	12
AUG.												
04...	0	--	--	100	4	--	--	<9.5	--	.000	.200	2
19...	--	--	--	--	--	--	--	--	--	--	--	4
SEP.												
08...	10	--	--	120	2	--	--	37	--	3.20	1.70	2
10...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)
OCT.												
10...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
09...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
09...	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00	.00
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
07...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
07...	--	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)
OCT.									
10...	--	--	--	--	3890	3570	.21	5.29	.15
22...	--	--	--	--	3940	3530	1.70	5.36	.04
NOV.									
12...	--	--	--	--	3870	3450	.52	5.26	.14
22...	--	--	--	--	3710	3340	1.40	5.05	.01
DEC.									
03...	--	--	--	--	3700	3350	.60	5.03	.03
16...	--	--	--	--	3800	3520	.41	5.17	.14
JAN.									
09...	--	--	--	--	4020	3880	.43	5.47	.01
FEB.									
04...	--	--	--	--	4070	3890	.55	5.54	.01
17...	--	--	--	--	3890	3780	.32	5.29	--
MAR.									
04...	--	--	--	--	2150	2020	59.8	2.92	.13
17...	--	--	--	--	3500	3260	2.36	4.76	.05
APR.									
09...	.0	.00	.00	.00	3570	3340	12.9	4.86	.04
22...	--	--	--	--	3710	3470	11.0	5.05	.14
MAY									
07...	--	--	--	--	3820	3590	29.5	5.20	.03
20...	--	--	--	--	3780	3410	18.4	5.14	.04
JUNE									
02...	--	--	--	--	3750	3040	14.0	4.42	.01
24...	--	--	--	--	3670	3480	17.8	4.99	.04
JULY									
07...	--	--	--	--	3620	3420	3.62	4.92	.04
14...	--	--	--	--	2150	2100	18.0	2.92	.05
AUG.									
04...	--	--	--	--	3690	3550	1.99	5.02	.05
19...	--	--	--	--	2860	2830	1.08	3.89	.00
SEP.									
08...	--	--	--	--	3790	3710	.82	5.15	.04
10...	--	--	--	--	--	793	14.9	1.08	--

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DATE	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	OIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.						
10...	--	.00	.4	.1	<52	20
22...	.00	.00	.3	--	--	--
NOV.						
12...	.04	.03	.2	.2	<50	17
22...	.09	.00	.3	--	--	--
DEC.						
05...	.58	.10	.3	<.1	57	21
16...	.35	.03	.4	--	--	--
JAN.						
09...	.04	.03	.4	.0	280	53
FEB.						
04...	.09	.10	.3	.0	<57	14
17...	.04	.00	.4	--	--	--
MAR.						
04...	4.4	.36	.2	.0	61	21
17...	5.3	.03	.2	--	--	--
APR.						
09...	6.6	.00	.3	.2	110	23
22...	7.9	.03	.3	--	--	--
MAY						
07...	7.4	.07	.3	.0	50	<14
20...	5.7	.03	.4	--	--	--
JUNE						
02...	4.7	.10	.3	.0	<39	<14
24...	4.8	.07	.3	--	--	--
JULY						
07...	4.1	.23	.3	.0	--	--
14...	4.7	.10	.1	--	--	--
AUG.						
04...	4.1	.10	.2	.0	<23	<7.5
19...	1.5	.03	.2	--	--	--
SEP.						
08...	1.8	.10	.3	.0	62	34
10...	--	--	--	--	--	--

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DATE	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	SURFACE AREA (SQUARE MILES) (00049)	INSTANTANEOUS DISCHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)
OCT.												
09...	--	751156	11.0	--	4020	447	--	--	40	630	8.5	2
22...	--	--	12.0	--	4020	416	--	--	--	776	--	0
NOV.												
12...	--	751760	3.0	--	4020	413	--	--	5	775	--	9
21...	--	--	3.0	--	4020	438	--	20	--	803	--	5
DEC.												
03...	--	751844	.0	--	4020	239	--	20	5	855	--	12
16...	--	--	.0	--	4020	381	--	10	--	958	--	8
JAN.												
06...	--	--	1.0	2.5	4020	255	--	5	5	800	11.6	7
20...	--	--	.5	--	4020	374	--	20	--	800	--	1
FEB.												
03...	--	752439	.0	--	4020	412	--	20	3	830	9.5	7
17...	--	--	.0	--	4020	396	--	20	--	800	--	2
MAR.												
03...	--	752674	.0	10.0	4020	595	--	300	20	890	10.5	20
18...	--	--	2.0	--	4020	498	--	300	--	906	--	38
APR.												
05...	--	753381	--	3.0	4020	443	--	100	3	760	9.3	5
07...	--	752940	6.0	3.0	4020	530	--	680	4	1010	8.8	27
23...	--	--	14.0	--	4020	443	2.63	36	--	860	7.1	9
MAY												
05...	--	--	10.5	3.0	4020	544	--	--	--	780	9.3	--
21...	--	--	11.0	--	4020	2340	--	800	--	636	6.4	27
JUNE												
02...	--	753719	16.5	23.0	4020	1670	--	330	15	470	8.2	42
JULY												
01...	--	--	22.5	30.0	4020	566	--	--	--	630	6.7	--
09...	--	--	22.0	--	4020	2130	--	640	35	330	6.7	81
14...	.5	--	20.0	--	4020	1340	--	360	--	442	--	45
AUG.												
04...	--	--	20.0	28.5	4020	578	--	--	--	700	8.1	--
19...	--	--	21.0	--	4020	448	--	39	--	996	--	21
SEP.												
08...	--	--	20.2	--	4020	320	--	--	--	750	15.0	--

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DATE	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
OCT.												
09...	8.3	1.8	184	224	0	500	0	.04	.01	.00	.48	.01
22...	--	--	184	224	0	--	4	.03	.00	.01	.13	.01
NOV.												
12...	8.4	1.5	189	224	3	510	0	.04	.00	.06	.16	.06
21...	--	--	200	244	0	--	1	.03	.00	.01	.16	.01
DEC.												
03...	8.3	2.3	236	288	0	650	1	.01	.00	.01	.10	.01
16...	--	--	211	257	0	--	1	.09	.00	.00	.30	.18
JAN.												
06...	8.3	2.2	230	280	0	620	6	.08	.01	.01	.32	.37
20...	--	--	193	235	0	--	5	.09	.01	.00	.28	.29
FEB.												
03...	8.2	2.5	207	252	0	560	3	.11	.01	.29	.33	.30
17...	--	--	200	244	0	--	5	.19	.00	.21	.25	.21
MAR.												
03...	7.9	4.6	188	229	0	570	6	.12	.01	.39	.75	.40
18...	--	--	193	235	0	--	3	.06	.00	.11	.61	.11
APR.												
05...	8.4	1.2	172	208	1	540	3	.02	.01	.00	.37	.00
07...	8.6	1.1	221	269	0	690	1	.01	.00	.12	.94	.12
23...	8.0	3.9	199	243	0	--	1	.03	.00	.00	.35	.00
MAY												
05...	8.4	1.2	176	215	0	--	--	--	--	--	--	.05
21...	7.8	4.0	129	157	0	--	1	.03	.00	.33	1.5	.33
JUNE												
02...	8.2	1.8	144	175	0	320	1	.01	.00	.15	1.6	.15
JULY												
01...	8.3	1.7	171	209	0	--	--	--	--	--	--	.01
09...	8.2	1.3	107	131	0	270	2	.00	.00	.07	3.2	.08
14...	7.4	10	135	164	0	--	1	.00	.01	.05	3.3	.06
AUG.												
04...	8.4	1.5	195	224	1	--	--	--	--	--	--	.02
19...	8.8	.6	193	223	6	--	0	.00	.00	.02	.38	.02
SEP.												
08...	8.5	1.1	178	217	0	--	--	--	--	--	--	--

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DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHONUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA+MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)
OCT.												
09...	.00	.05	.00	--	.00	.1	270	84	66	25	60	1.6
22...	.03	.05	.01	--	--	.0	270	87	67	25	67	1.8
NOV.												
12...	.06	.03	.02	--	.00	.0	250	61	62	23	61	1.7
21...	.15	.74	.05	--	--	.0	290	86	75	24	75	1.9
DEC.												
03...	.03	.04	.01	--	.00	.0	320	84	77	31	83	2.0
16...	.03	.06	.01	--	--	.3	290	79	73	26	68	1.7
JAN.												
06...	.06	.00	.02	4.1	.00	.1	310	77	76	28	76	1.9
20...	.06	.05	.02	--	--	.0	270	81	70	24	64	1.7
FEB.												
03...	.09	.06	.03	--	.00	.2	290	84	75	25	69	1.8
17...	.12	.02	.04	--	--	.1	270	72	66	26	70	1.8
MAR.												
03...	.06	--	.02	--	.00	.0	290	100	67	30	90	2.3
18...	.09	.21	.03	--	--	.1	300	110	70	31	84	2.1
APR.												
05...	.06	.09	.02	--	.01	.0	270	95	64	26	70	1.9
07...	.03	.22	.01	13	.00	.1	330	110	74	34	110	2.7
23...	.09	.13	.03	--	--	.1	320	120	72	33	84	2.1
MAY												
05...	.06	--	.02	--	--	--	270	97	65	27	66	1.7
21...	.03	.07	.01	--	--	.1	160	35	41	15	30	1.0
JUNE												
02...	.09	.01	.03	--	.00	.1	190	50	46	19	30	.9
JULY												
01...	.03	--	.01	--	--	--	250	82	67	21	44	1.2
09...	.00	1.1	.00	14	.00	.1	140	30	35	12	17	.6
14...	.00	.63	.00	--	--	.0	180	40	47	14	28	.9
AUG.												
04...	.00	--	.00	--	--	--	270	77	68	25	55	1.5
19...	.00	.14	.00	--	--	1.9	290	94	67	29	64	1.6
SEP.												
08...	.00	--	.00	--	--	--	270	90	61	28	73	1.9

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OCT.												
09...	33	2.0	32	160	<.2	14	4	0	--	--	130	<1
22...	35	2.4	35	170	.3	12	--	--	--	--	--	--
NOV.												
12...	35	1.0	32	150	<.2	13	1	0	--	--	80	<1
21...	36	1.9	36	180	.3	12	--	--	--	--	--	--
DEC.												
03...	36	2.4	45	190	.3	15	2	<100	--	--	70	0
16...	34	1.6	40	160	.3	14	--	--	--	--	--	--
JAN.												
06...	35	2.1	46	180	.3	17	1	52	<10	<11	70	0
20...	34	2.1	40	150	.2	16	--	--	--	--	--	--
FEB.												
03...	34	2.2	40	180	<.2	17	3	<100	--	--	50	0
17...	36	2.0	41	170	.3	15	--	--	--	--	--	--
MAR.												
03...	40	2.6	46	210	.3	13	0	<100	--	--	70	0
18...	37	2.5	48	200	<.2	12	--	--	--	--	--	--
APR.												
05...	36	2.0	35	190	.3	11	0	0	--	--	60	0
07...	42	2.6	44	250	.3	12	1	55	<2	<4	100	0
23...	36	2.2	41	220	.3	12	--	--	--	--	--	--
MAY												
05...	34	2.1	35	180	<.2	12	--	--	--	--	60	--
21...	28	1.9	13	81	<.2	11	--	--	--	--	--	--
JUNE												
02...	25	1.5	13	86	<.2	12	0	0	--	--	40	0
JULY												
01...	27	2.0	27	140	<.2	13	--	--	--	--	50	--
09...	21	1.3	10	59	<.2	13	2	130	0	<2	40	0
14...	26	1.6	13	76	<.2	14	--	--	--	--	--	--
AUG.												
04...	30	2.1	27	140	.3	14	--	--	--	--	90	--
19...	32	2.2	29	180	.3	13	--	--	--	--	--	--
SEP.												
08...	37	2.6	36	180	.3	8.9	--	--	--	--	80	--

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DATE	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
OCT.												
09...	0	0	6	270	2	0	2	4	--0	--	.6	30
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	0	0	0	10	0	0	2	12	--	--	2.8	110
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	<10	1	1	40	2	0	3	3	--	--	2.2	<10
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
06...	0	0	4	40	I	20	1	10	0	1100	4.2	10
20...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	10	0	I	I0	0	10	2	0	--	--	.0	20
17...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	0	0	5	20	0	30	3	0	--	--	1.6	20
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	0	0	2	20	0	5	4	0	--	--	1.8	10
07...	0	0	4	30	0	0	3	3	0	990	.4	10
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
05...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	0	0	2	60	0	0	3	1	--	--	.4	0
JULY												
01...	--	--	--	--	--	--	--	--	--	--	--	--
09...	0	1	1	20	0	0	1	5	0	60	1.6	20
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	--	--	8	20	--	0	--	--	--	--	--	--

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DATE	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)
OCT.												
09...	--	10	--	--	0	1	--	--	3.5	--	.800	.900
22...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	--	10	--	--	0	1	--	--	3.0	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	10	--	--	<10	1	--	--	3.8	--	.300	.500
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
06...	<11	0	<5	<11	10	2	<8	<18	12	<1.0	1.10	.800
20...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	--	30	--	--	10	1	--	--	4.3	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	--	30	--	--	30	1	--	--	6.8	--	2.90	.800
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	--	10	--	--	20	2	--	--	3.2	--	--	--
07...	<4	50	<2	<6	30	2	<8	<8	7.5	<1.0	5.80	.800
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
05...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	--	30	--	--	0	1	--	--	4.2	--	5.40	3.50
JULY												
01...	--	--	--	--	--	--	--	--	--	--	--	--
09...	<2	20	0	<2	0	0	6	<3	6.0	--	1.80	1.20
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)
OCT.												
09...	0	--	--	--	--	--	--	--	--	--	--	--
22...	0	--	--	--	--	--	--	--	--	--	--	--
NOV.												
12...	0	--	--	--	--	--	--	--	--	--	--	--
21...	1	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	4	--	--	--	--	--	--	--	--	--	--	--
16...	0	--	--	--	--	--	--	--	--	--	--	--
JAN.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
20...	1	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	6	--	--	--	--	--	--	--	--	--	--	--
17...	6	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	1	--	--	--	--	--	--	--	--	--	--	--
18...	6	--	--	--	--	--	--	--	--	--	--	--
APR.												
05...	3	--	--	--	--	--	--	--	--	--	--	--
07...	2	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00
23...	4	--	--	--	--	--	--	--	--	--	--	--
MAY												
05...	--	--	--	--	--	--	--	--	--	--	--	--
21...	5	--	--	--	--	--	--	--	--	--	--	--
JUNE												
02...	4	--	--	--	--	--	--	--	--	--	--	--
JULY												
01...	--	--	--	--	--	--	--	--	--	--	--	--
09...	6	--	--	--	--	--	--	--	--	--	--	--
14...	5	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	8	--	--	--	--	--	--	--	--	--	--	--
SEP.												
08...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)
OCT.												
09...	--	--	--	--	--	477	470	576	.65	.05	.00	.03
22...	--	--	--	--	--	510	489	573	.69	.04	.04	.00
NOV.												
12...	--	--	--	--	--	471	456	525	.64	.05	.27	.00
21...	--	--	--	--	--	538	525	636	.73	.04	.04	.00
DEC.												
03...	--	--	--	--	--	596	586	385	.81	.01	.04	.00
16...	--	--	--	--	--	527	511	542	.72	.12	.80	.00
JAN.												
06...	--	--	--	--	--	575	567	396	.78	.10	1.6	.03
20...	--	--	--	--	--	492	481	497	.67	.12	1.2	.03
FEB.												
03...	--	--	--	--	--	552	535	614	.75	.14	1.3	.03
17...	--	--	--	--	--	506	512	541	.69	.24	.93	.00
MAR.												
03...	--	--	--	--	--	579	574	930	.79	.15	1.7	.03
18...	--	--	--	--	--	594	564	799	.81	.08	.49	.00
APR.												
05...	--	--	--	--	--	513	502	614	.70	.03	.00	.03
07...	.00	.0	.00	.00	.00	676	661	967	.92	.01	.53	.00
23...	--	--	--	--	--	584	585	699	.79	.04	.00	.00
MAY												
05...	--	--	--	--	--	--	494	726	.67	--	--	--
21...	--	--	--	--	--	278	272	1760	.38	.04	1.5	.00
JUNE												
02...	--	--	--	--	--	303	295	1370	.41	.01	.66	.00
JULY												
01...	--	--	--	--	--	--	417	837	.57	--	--	--
09...	--	--	--	--	--	223	213	1280	.30	.00	.31	.03
14...	--	--	--	--	--	284	275	1030	.39	.00	.22	.03
AUG.												
04...	--	--	--	--	--	--	449	701	.61	--	--	--
19...	--	--	--	--	--	497	503	601	.68	.00	.09	.00
SEP.												
08...	--	--	--	--	--	--	497	429	.68	--	--	--

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DATE	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.					
09...	.1	.0	4947	6.9	2.9
22...	.1	--	4947	--	--
NOV.					
12...	.1	.0	4947	<5.6	2.4
21...	.1	--	4947	--	--
DEC.					
03...	.1	.1	4947	8.8	3.1
16...	.1	--	4947	--	--
JAN.					
06...	.1	.2	4947	28	9.9
20...	.1	--	4947	--	--
FEB.					
03...	.1	.0	4947	8.5	3.6
17...	.1	--	4947	--	--
MAR.					
03...	.2	.0	4947	12	5.4
18...	.1	--	4947	--	--
APR.					
05...	.1	.0	4947	<9.2	2.8
07...	.1	.0	4947	35	9.2
23...	.1	--	4947	--	--
MAY					
05...	--	--	4947	--	--
21...	.1	--	4947	--	--
JUNE					
02...	.0	.0	4947	<4.3	3.4
JULY					
01...	--	--	4947	--	--
09...	.0	.0	4947	10	4.9
14...	.0	--	4947	--	--
AUG.					
04...	--	--	4947	--	--
19...	.1	--	4947	--	--
SEP.					
08...	--	--	4947	--	--

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DATE	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)
OCT.												
08...	--	751154	14.0	--	466	--	--	5	690	--	36	7.9
23...	--	--	6.8	--	461	--	--	--	791	--	4	--
NOV.												
14...	--	--	4.0	--	456	--	--	5	790	--	13	8.5
22...	--	--	3.2	--	390	--	20	--	838	--	10	--
DEC.												
04...	--	751845	.0	--	337	--	30	5	850	--	8	8.4
16...	--	--	.4	--	387	--	40	--	884	--	3	--
JAN.												
08...	--	752269	.0	--	359	--	7	5	830	10.0	14	8.2
21...	--	--	.4	--	329	--	20	--	802	--	8	--
FEB.												
04...	--	--	.0	-6.0	350	--	10	3	825	9.7	4	8.1
18...	--	--	.1	--	400	--	20	--	700	--	4	--
MAR.												
04...	--	--	.5	9.0	550	--	200	20	825	9.0	21	7.8
18...	--	--	2.0	--	482	--	500	--	924	--	45	--
APR.												
08...	--	--	4.0	5.0	495	--	400	4	1000	10.5	36	7.9
23...	--	--	13.0	--	430	3.94	38	--	850	7.4	14	8.3
MAY												
06...	--	753400	7.9	--	541	--	150	5	810	8.7	13	8.2
21...	--	--	10.2	--	2721	--	1400	--	425	--	150	--
JUNE												
05...	--	--	15.0	16.5	2388	--	500	20	420	7.8	75	8.0
24...	--	--	14.4	--	2310	--	160	--	388	4.8	27	8.8
JULY												
09...	--	--	20.5	29.0	2160	--	2000	40	360	8.0	200	8.1
14...	.5	--	20.9	--	1420	--	2000	--	442	--	81	7.2
AUG.												
06...	--	760441	22.0	--	496	--	60	10	700	7.5	17	8.2
20...	5.0	--	19.2	--	385	--	34	--	742	--	12	--
SEP.												
10...	--	--	19.0	21.0	377	--	2	9	780	7.2	10	8.4

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DATE	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (P04) (MG/L) (00660)
OCT.												
08...	4.5	183	223	0	510	180	.04	.01	--	.38	.01	.00
23...	--	185	225	0	--	2	.03	.00	.00	.26	.00	.00
NOV.												
14...	1.2	199	236	3	--	0	.03	.00	1.1	.11	1.1	.12
22...	--	198	241	0	--	1	.00	.01	.00	.03	.01	.06
DEC.												
04...	1.9	242	295	0	670	0	.01	.00	.00	.14	.00	.03
16...	--	211	257	0	--	--	.04	.00	.18	.33	.18	.15
JAN.												
08...	2.7	219	267	0	600	7	.07	.00	.35	.27	.35	.06
21...	--	196	239	0	--	5	.07	.01	.27	.38	.28	.06
FEB.												
04...	3.2	204	249	0	540	3	.11	.01	.26	.31	.29	.06
18...	--	199	243	0	--	6	.11	.00	.19	.38	.19	.09
MAR.												
04...	5.6	181	221	0	520	7	.12	.04	.29	.84	.33	.03
18...	--	199	243	0	--	34	.07	.01	.11	.95	.12	.09
APR.												
08...	5.3	215	262	0	710	2	.01	.00	.11	1.2	.11	.00
23...	2.0	203	247	0	--	2	.02	.00	.01	1.3	.01	.09
MAY												
06...	2.1	174	212	0	560	2	.02	.00	.01	.62	.01	.03
21...	--	126	153	0	--	3	.02	.00	.32	4.6	.32	.06
JUNE												
05...	2.4	126	153	0	270	2	.06	.03	.19	2.4	.22	.12
24...	.4	130	158	0	--	5	.04	.02	.09	1.1	.11	.18
JULY												
09...	1.7	126	154	0	350	2	.00	.02	.14	7.6	.16	.00
14...	17	141	172	0	--	E1	.00	.01	.08	1.6	.09	.03
AUG.												
06...	2.4	193	235	0	490	0	.04	.01	.04	.47	.05	.06
20...	--	195	238	--	--	1	.00	.00	.01	.34	.01	.00
SEP.												
10...	1.5	193	233	1	690	0	.00	.00	.01	.30	.01	.00

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OCT.												
08...	.06	.00	--	.00	.2	260	81	66	24	60	1.6	33
23...	.05	.00	--	--	.1	270	81	65	25	68	1.8	36
NOV.												
14...	.02	.04	--	.00	.0	270	69	66	25	66	1.8	35
22...	.05	.02	--	--	.0	280	80	70	25	66	1.7	34
DEC.												
04...	.05	.01	--	.00	.0	340	94	83	31	88	2.1	36
16...	.11	.05	--	--	.2	290	83	73	27	68	1.7	33
JAN.												
08...	.00	.02	3.1	.00	.1	320	98	82	27	69	1.7	32
21...	.05	.02	--	--	.0	260	68	68	23	63	1.7	34
FEB.												
04...	.07	.02	--	.00	.2	280	79	72	25	65	1.7	33
18...	.08	.03	--	--	.0	270	75	67	26	70	1.8	36
MAR.												
04...	.23	.01	--	.00	.1	270	89	62	28	77	2.0	38
18...	.26	.03	--	--	.2	310	110	70	32	82	2.0	37
APR.												
08...	.48	.00	8.0	.00	1.3	340	120	76	35	100	2.4	39
23...	.25	.03	--	--	.0	320	110	72	33	83	2.0	36
MAY												
06...	.19	.01	--	.01	.0	280	100	64	28	75	2.0	37
21...	1.4	.02	--	--	.2	180	52	43	17	30	1.0	27
JUNE												
05...	1.7	.04	--	.00	.1	160	36	40	15	28	1.0	27
24...	.49	.06	--	--	.0	170	42	44	15	21	.7	21
JULY												
09...	.68	.00	48	.00	.0	170	39	43	14	32	1.1	29
19...	1.9	.01	--	--	.2	170	26	42	15	36	1.2	32
AUG.												
06...	.47	.02	--	.00	.0	260	68	65	24	55	1.5	31
20...	.02	.00	--	--	2.0	280	83	62	30	62	1.6	32
SEP.												
10...	.05	.00	--	.00	.0	280	84	63	29	74	1.9	37

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DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)
OCT.												
08...	2.0	33	160	.2	14	2	0	--	--	90	0	0
23...	2.3	40	170	.2	12	--	--	--	--	--	--	--
NOV.												
14...	1.1	34	160	.2	13	1	0	--	--	70	<1	0
22...	1.8	35	170	.2	12	--	--	--	--	--	--	--
DEC.												
04...	2.5	50	200	.3	15	2	<100	<1	<4	70	1	<10
16...	1.8	41	160	.3	14	--	--	--	--	--	--	--
JAN.												
08...	2.1	44	180	.2	17	1	56	<10	<10	60	0	0
21...	2.3	37	160	.2	16	--	--	--	--	--	--	--
FEB.												
04...	1.8	39	170	.2	16	2	<100	--	--	50	0	20
18...	1.8	39	170	.3	14	--	--	--	--	--	--	--
MAR.												
04...	2.8	39	180	.2	12	0	100	--	--	70	0	0
18...	2.5	43	200	.2	12	--	--	--	--	--	--	--
APR.												
08...	2.6	47	260	.0	12	2	<100	<10	--	90	0	0
23...	2.5	42	220	.3	12	--	--	--	--	--	--	--
MAY												
06...	2.1	42	190	.2	11	1	0	--	--	70	0	0
21...	2.0	14	83	.2	11	--	--	--	--	--	--	--
JUNE												
05...	1.5	11	66	.2	17	2	0	--	--	40	0	0
24...	1.3	8.6	75	.2	17	--	--	--	--	--	--	--
JULY												
09...	2.0	12	91	.3	13	0	65	0	<2	40	1	0
14...	2.1	13	88	.3	14	--	--	--	--	--	--	--
AUG.												
06...	2.4	26	150	.3	15	1	<100	--	--	90	1	0
20...	2.2	30	180	.3	13	--	--	--	--	--	--	--
SEP.												
10...	2.4	37	190	.3	8.4	0	<200	--	--	90	0	0

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DATE	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)
OCT.												
08...	0	0	100	2	0	5	4	--	--	1.4	10	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	0	1	10	0	0	2	16	--	--	2.6	10	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	1	5	60	0	0	3	7	0	1300	1.6	<10	<4
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
08...	0	0	10	0	10	1	8	0	980	4.8	10	<10
21...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	0	160	10	0	10	0	0	--	--	.0	30	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	0	120	40	1	10	3	1	--	--	1.8	20	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
08...	1	120	80	3	0	3	2	0	1000	.3	30	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	0	2	40	0	5	4	1	--	--	1.7	10	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	0	6	90	0	0	1	2	--	--	.4	0	--
24...	--	--	--	--	--	--	--	--	590	--	--	--
JULY												
09...	1	11	40	4	0	2	6	0	590	2.0	20	<2
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
06...	0	3	10	5	0	2	6	--	--	2.2	0	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	0	3	0	0	0	2	2	--	--	1.7	10	--

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DATE	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	
OCT.													
08...	0	--	--	0	2	--	--	6.1	--	.900	.000	3	
23...	--	--	--	--	--	--	--	--	--	--	--	2	
NOV.													
14...	10	--	--	0	1	--	--	--	--	--	--	0	
22...	--	--	--	--	--	--	--	--	--	--	--	1	
DEC.													
04...	0	<200	<4	<10	4	<3	<9	3.9	--	--	--	1	
16...	--	--	--	--	--	--	--	--	--	--	--	2	
JAN.													
08...	0	<5	<10	10	2	<8	<20	9.6	<1.0	1.60	2.90	2	
21...	--	--	--	--	--	--	--	--	--	--	--	5	
FEB.													
04...	30	--	--	10	2	--	--	2.0	--	.000	.000	7	
18...	--	--	--	--	--	--	--	--	--	--	--	0	
MAR.													
04...	40	--	--	20	2	--	--	3.8	--	4.20	5.60	7	
18...	--	--	--	--	--	--	--	--	--	--	--	7	
APR.													
08...	80	--	--	30	2	--	--	4.3	<1.0	7.10	.800	5	
23...	--	--	--	--	--	--	--	--	--	--	--	6	
MAY													
06...	30	--	--	20	2	--	--	4.1	--	--	--	4	
21...	--	--	--	--	--	--	--	--	--	--	--	7	
JUNE													
05...	80	--	--	0	0	--	--	3.5	--	7.90	3.10	4	
24...	--	--	--	--	--	--	--	--	--	--	--	3	
JULY													
09...	30	0	<2	0	0	10	<3	2.8	<1.0	11.0	12.0	14	
14...	--	--	--	--	--	--	--	--	--	--	--	8	
AUG.													
06...	20	--	--	0	1	--	--	3.6	--	--	--	2	
20...	--	--	--	--	--	--	--	--	--	--	--	5	
SEP.													
10...	30	--	--	10	1	--	--	13	--	--	--	1	

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DATE	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOXAPHENE (UG/L) (39400)	TOTAL HEPTACHLOR (UG/L) (39410)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)
OCT.												
08...	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
14...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	.0	--	.00	--	--	--	--	--	--	--	--
DEC.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
08...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
08...	.0	.00	.00	.0	.00	.00	.00	.00	.00	0	.00	.00
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
06...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
05...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
09...	--	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
10...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)
OCT.									
08...	--	--	--	--	475	470	598	.65	.05
23...	--	--	--	--	503	494	626	.68	.04
NOV.									
14...	--	--	--	--	508	490	625	.69	.04
26...	--	--	--	--	522	499	550	.71	.00
DEC.									
04...	--	--	--	--	623	617	567	.85	.01
18...	--	--	--	--	533	513	557	.72	.05
JAN.									
08...	--	--	--	--	563	556	546	.77	.09
21...	--	--	--	--	499	489	443	.68	.09
FEB.									
04...	--	--	--	--	535	514	506	.73	.14
18...	--	--	--	--	515	509	556	.70	.14
MAR.									
04...	--	--	--	--	527	512	783	.72	.15
18...	--	--	--	--	586	563	763	.80	.09
APR.									
08...	.0	.00	.00	.00	674	665	901	.92	.01
23...	--	--	--	--	591	587	686	.80	.03
MAY									
06...	--	--	--	--	536	517	855	.73	.03
21...	--	--	--	--	291	277	2140	.40	.03
JUNE									
05...	--	--	--	--	246	250	1590	.33	.08
24...	--	--	--	--	245	261	1530	.33	.05
JULY									
09...	--	--	--	--	289	285	1690	.39	.00
14...	--	--	--	--	319	296	1220	.43	.00
AUG.									
06...	--	--	--	--	468	454	627	.64	.05
20...	--	--	--	--	490	499	509	.67	.00
SEP.									
10...	--	--	--	--	522	520	531	.71	.00

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DATE	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.						
08...	--	.03	.1	.0	9.7	5.0
23...	.00	.00	.1	--	--	--
NOV.						
14...	4.9	.00	.1	.0	--	--
22...	.00	.03	.1	--	--	--
DEC.						
04...	.00	.00	.1	<.1	7.4	3.1
16...	.80	.00	.3	--	--	--
JAN.						
08...	1.6	.00	.1	.3	25	8.0
21...	1.2	.03	.1	--	--	--
FEB.						
04...	1.2	.03	.1	.1	<8.1	1.6
18...	.84	.00	.1	--	--	--
MAR.						
04...	1.3	.13	.1	.0	<7.1	3.1
18...	.49	.03	.1	--	--	--
APR.						
08...	.49	.00	.1	.0	9.5	5.3
23...	.04	.00	.1	--	--	--
MAY						
06...	.04	.00	.2	.0	12	3.4
21...	1.4	.00	.1	--	--	--
JUNE						
05...	.84	.10	.0	.2	3.8	2.9
24...	.40	.07	.0	--	--	--
JULY						
09...	.62	.07	.0	.0	<3.8	2.3
14...	.35	.03	.0	--	--	--
AUG.						
06...	.18	.03	.1	.0	6.4	2.8
20...	.04	.00	.1	--	--	--
SEP.						
10...	.04	.00	.1	.0	17	10

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DATE	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITHITE PLUS NITHATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (P04) (MG/L) (00660)	TOTAL PHOSPHORUS (P) (MG/L) (00665)
AUG. 14...	6.10	2300	189	230	.00	.06	3.4	4.4	3.5	.34	5.9

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DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00745)	HARD-NESS (CA+MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)
AUG. 14...	.11	.2	68	0	19	4.9	84	4.4	71	5.5

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DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
AUG. 14...	12	34	.5	14	37	280	45	240	340	120

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DATE	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01105)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)
AUG. 14...	90	40	1	351	305	.48	.00	15	.20	.0

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DATE	DEPTH (FT) (00003)	SAMPLE NUMBER (00008)	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	STAGE (FT ABOVE DATUM) (00065)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)
OCT.												
08...	--	751155	11.5	--	464	--	--	20	650	--	4	7.9
23...	--	--	--	--	463	--	--	--	831	--	16	--
NOV.												
13...	--	--	14.4	--	415	--	--	7	730	--	10	8.6
22...	--	--	4.0	--	382	--	9	--	742	--	10	--
DEC.												
03...	--	751846	.0	--	273	--	40	3	920	--	15	8.4
17...	--	--	.4	--	350	--	20	--	880	--	4	--
JAN.												
07...	--	752267	.5	--	296	--	8	8	900	10.4	10	7.8
20...	--	--	.4	--	495	--	10	--	800	--	2	--
FEB.												
03...	--	--	.0	-3.0	400	--	10	0	825	10.2	4	8.4
16...	--	--	.1	--	400	--	20	--	824	--	9	--
MAR.												
03...	--	--	1.0	12.0	550	--	400	10	820	9.6	16	--
18...	4.2	--	1.1	--	505	--	400	--	962	--	33	--
APR.												
04...	--	--	5.5	17.0	376	--	110	2	910	9.7	31	8.3
23...	--	--	12.7	--	435	4.15	39	--	900	7.9	13	--
MAY												
15...	--	--	18.0	--	915	--	700	15	640	6.8	23	7.6
21...	--	--	10.1	--	2675	--	110	--	425	3.8	98	--
JUNE												
04...	--	--	16.2	21.7	2290	--	510	10	400	7.7	24	8.0
24...	--	--	14.4	--	2177	--	180	--	382	--	28	--
JULY												
08...	--	--	20.0	--	2262	--	320	30	320	7.8	40	7.7
AUG.												
07...	--	760226	21.0	--	486	--	56	15	710	7.2	12	8.3
22...	--	--	19.0	--	352	--	38	--	757	--	13	--
SEP.												
09...	--	--	20.5	28.0	314	--	8	1	775	7.0	8	8.5

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DATE	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (P04) (MG/L) (00660)
OCT.												
08...	4.7	189	231	0	510	0	.02	.01	--	.31	.00	.00
23...	--	186	227	0	--	2	.03	.01	.00	.37	.01	.03
NOV.												
13...	1.0	199	233	5	--	2	.08	.00	.01	.06	.01	.06
22...	--	196	239	0	--	1	.01	.00	.03	.04	.03	.03
DEC.												
03...	1.8	230	280	0	630	1	.03	.01	.01	.07	.02	.06
17...	--	212	258	0	--	3	.04	.00	.20	.25	.20	.09
JAN.												
07...	7.0	227	277	0	610	6	.09	.01	.34	.43	.35	.06
20...	--	194	237	0	--	5	.07	.00	.29	.34	.29	.06
FEB.												
03...	1.6	203	248	0	570	3	.11	.01	.28	.40	.29	.06
16...	--	201	245	0	--	6	.10	.00	.20	.36	.20	.09
MAR.												
03...	--	183	223	0	570	7	.15	.02	.52	.59	.54	.03
18...	--	200	244	0	--	3	.06	.00	.13	.54	.13	.09
APR.												
04...	2.0	209	255	0	650	2	.02	.00	.08	.38	.08	.00
23...	--	208	253	0	--	1	.00	.00	.00	.39	.00	.12
MAY												
15...	8.2	167	204	0	450	1	.00	.00	.09	.45	.09	.03
21...	--	133	162	0	--	1	.03	.01	.38	2.5	.39	.03
JUNE												
04...	2.5	129	157	0	270	1	.01	.01	.18	1.2	.19	.12
24...	--	123	150	--	--	5	.03	.03	.09	.72	.12	.03
JULY												
08...	4.0	103	125	0	--	2	.00	.00	.09	1.6	.10	.00
AUG.												
07...	1.9	191	233	0	--	0	.00	.01	.01	.47	.02	.03
22...	--	197	240	--	--	1	.00	.01	.03	.25	.04	.00
SEP.												
09...	1.1	176	211	2	540	2	.00	.00	.00	.30	.00	.00

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DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00745)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)
OCT.												
08...	.07	.00	--	.00	.2	280	88	70	25	54	1.4	30
23...	.08	.01	--	--	.1	250	65	61	24	73	2.0	38
NOV.												
13...	.03	.02	--	.00	.0	270	68	66	25	67	1.8	35
22...	.06	.01	--	--	.0	290	90	75	24	64	1.6	33
DEC.												
03...	.06	.02	--	.00	.0	330	95	79	31	83	2.0	36
17...	.06	.03	--	--	.2	300	87	75	27	70	1.8	34
JAN.												
07...	.00	.02	6.5	.00	.1	320	97	83	28	74	1.8	33
20...	.04	.02	--	--	.2	280	83	70	25	61	1.6	32
FEB.												
03...	.05	.02	--	.00	.1	300	95	75	27	71	1.8	34
16...	.06	.03	--	--	.0	280	83	69	27	71	1.8	35
MAR.												
03...	.13	.01	--	.00	.0	290	100	69	28	85	2.2	39
18...	.20	.03	--	--	.0	310	110	71	33	84	2.1	37
APR.												
04...	.11	.00	4.5	.00	1.0	320	110	76	32	90	2.2	38
23...	.15	.04	--	--	.1	320	110	73	34	85	2.1	36
MAY												
15...	.05	.01	--	.01	.1	230	64	58	21	50	1.4	32
21...	.06	.01	--	--	.0	170	88	42	16	32	1.1	29
JUNE												
04...	.61	.04	--	.00	.2	160	31	41	14	25	.9	25
24...	.29	.01	--	--	.0	180	58	46	16	27	.9	24
JULY												
08...	.34	.00	8.8	.00	.0	140	33	36	11	22	.8	26
AUG.												
07...	.36	.01	--	.00	.1	270	77	66	25	55	1.5	31
22...	.03	.00	--	--	.1	290	94	67	30	67	1.7	33
SEP.												
09...	.04	.00	--	.00	.2	270	91	61	28	69	1.8	36

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DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)
OCT.												
08...	1.9	34	160	.2	13	2	0	--	--	90	1	0
23...	2.4	50	170	.2	12	--	--	--	--	--	--	--
NOV.												
13...	1.1	34	160	.3	13	1	0	--	--	90	0	0
22...	1.8	36	160	.2	12	--	--	--	--	--	--	--
DEC.												
03...	2.3	45	190	.3	14	2	<100	--	--	70	0	<10
17...	1.8	41	170	.3	15	--	--	--	--	--	--	--
JAN.												
07...	2.1	47	190	.2	17	0	59	<10	<11	60	0	0
20...	2.1	37	170	.2	16	--	--	--	--	--	--	--
FEB.												
03...	2.1	42	200	.2	16	3	<100	--	--	90	0	10
16...	1.8	39	170	.3	15	--	--	--	--	--	--	--
MAR.												
03...	2.6	58	190	.3	13	0	<100	--	--	70	0	0
18...	2.5	42	220	.1	12	--	--	--	--	--	--	--
APR.												
04...	3.2	44	220	.1	13	1	<100	<10	--	80	0	0
23...	2.1	43	220	.3	12	--	--	--	--	--	--	--
MAY												
15...	2.1	24	130	.2	13	2	0	--	--	60	0	0
21...	2.0	12	95	.2	11	--	--	--	--	--	--	--
JUNE												
04...	1.4	11	68	.2	11	0	0	--	--	20	0	0
24...	1.3	9.5	100	.2	15	--	--	--	--	--	--	--
JULY												
08...	1.4	9.3	63	.2	12	2	0	0	--	50	0	0
AUG.												
07...	2.3	27	150	.3	14	2	140	<1	<6	80	0	8
22...	2.2	31	180	.3	12	--	--	--	--	--	--	--
SEP.												
09...	2.2	37	170	.3	8.6	1	<200	--	--	70	0	0

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DATE	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)
OCT.												
06...	0	1	100	7	0	3	4	--	--	1.8	30	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	0	3	20	0	0	4	16	--	--	.0	130	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	1	7	140	1	0	3	13	--	--	2.2	10	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
07...	0	1	20	0	10	1	8	0	1000	1.5	30	<11
20...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	0	4	10	1	10	2	2	--	--	.0	20	--
16...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	0	340	20	1	0	3	0	--	--	2.0	30	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	0	110	10	2	0	2	3	0	1000	1.1	20	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
15...	0	2	50	1	10	3	1	--	--	.3	6	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	0	4	70	0	0	2	3	--	--	.0	0	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
08...	1	13	40	1	0	1	6	0	60	1.4	0	--
AUG.												
07...	<2	6	3500	5	0	2	4	0	670	2.4	0	<6
22...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	0	1	10	0	0	2	4	--	--	1.8	20	--

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DATE	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)
OCT.												
08...	10	--	--	0	1	--	--	2.8	--	1.50	.100	0
23...	--	--	--	--	--	--	--	--	--	--	--	3
NOV.												
13...	30	--	--	0	1	--	--	--	--	--	--	2
22...	--	--	--	--	--	--	--	--	--	--	--	0
DEC.												
03...	10	--	--	<10	1	--	--	3.0	--	.000	.000	2
17...	--	--	--	--	--	--	--	--	--	--	--	3
JAN.												
07...	0	<5	<11	10	<2	<8	<20	4.3	<1.0	2.20	2.10	14
20...	--	--	--	--	--	--	--	--	--	--	--	5
FEB.												
03...	60	--	--	10	1	--	--	2.5	--	6.00	8.40	5
16...	--	--	--	--	--	--	--	--	--	--	--	0
MAR.												
03...	<10	--	--	30	<2	--	--	5.3	--	1.40	.000	5
18...	--	--	--	--	--	--	--	--	--	--	--	8
APR.												
04...	40	--	--	20	<2	--	--	8.4	<1.0	1.30	.500	2
23...	--	--	--	--	--	--	--	--	--	--	--	3
MAY												
15...	30	--	--	10	1	--	--	3.9	--	2.10	.200	3
21...	--	--	--	--	--	--	--	--	--	--	--	5
JUNE												
04...	50	--	--	0	1	--	--	3.8	--	13.0	7.60	5
24...	--	--	--	--	--	--	--	--	--	--	--	2
JULY												
08...	30	--	--	0	0	--	--	--	--	6.40	9.90	4
AUG.												
07...	30	<2	<4	10	1	--	--	--	--	2.10	3.30	7
22...	--	--	--	--	--	--	--	--	--	--	--	5
SEP.												
09...	10	--	--	10	1	--	--	5.7	--	.800	.400	1

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OCT.												
08...	--	--	--	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
13...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
07...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
04...	.00	.00	.0	.00	.00	.00	.00	.00	0	.00	.00	.0
23...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
15...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
04...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
08...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
07...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
09...	--	--	--	--	--	--	--	--	--	--	--	--

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OCT.									
08...	--	--	--	465	473	583	.63	.03	--
23...	--	--	--	525	505	656	.71	.04	.00
NOV.									
13...	--	--	--	509	487	570	.69	.10	.04
22...	--	--	--	464	491	479	.63	.01	.13
DEC.									
03...	--	--	--	606	583	447	.82	.04	.04
17...	--	--	--	530	529	501	.72	.05	.89
JAN.									
07...	--	--	--	586	581	468	.80	.12	1.5
20...	--	--	--	502	500	671	.68	.09	1.3
FEB.									
03...	--	--	--	620	558	670	.84	.14	1.2
16...	--	--	--	527	515	569	.72	.13	.89
MAR.									
03...	--	--	--	582	559	864	.79	.19	2.3
18...	--	--	--	644	586	878	.88	.08	.58
APR.									
04...	.00	.00	.00	615	607	624	.84	.03	.35
23...	--	--	--	598	594	702	.81	.00	.00
MAY									
15...	--	--	--	408	400	1010	.55	.00	.40
21...	--	--	--	293	292	2120	.40	.04	1.7
JUNE									
04...	--	--	--	256	250	1580	.35	.01	.80
24...	--	--	--	308	290	1810	.42	.04	.40
JULY									
08...	--	--	--	223	217	1360	.30	.00	.40
AUG.									
07...	--	--	--	467	459	613	.64	.00	.04
22...	--	--	--	508	508	483	.69	.00	.13
SEP.									
09...	--	--	--	508	483	431	.69	.00	.00

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DATE	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.					
08...	.03	.7	.0	<6.9	2.3
23...	.03	.1	--	--	--
NOV.					
13...	.00	.1	.0	--	--
22...	.00	.1	--	--	--
DEC.					
03...	.03	.1	<.1	<6.8	2.4
17...	.00	.1	--	--	--
JAN.					
07...	.03	.1	.2	12	3.6
20...	.00	.0	--	--	--
FEB.					
03...	.03	.1	.0	<8.5	2.1
16...	.00	.1	--	--	--
MAR.					
03...	.07	.2	.0	<7.6	4.2
18...	.00	.1	--	--	--
APR.					
04...	.00	.1	.0	31	7.2
23...	.00	.1	--	--	--
MAY					
15...	.00	.1	.0	9.0	3.4
21...	.03	.0	--	--	--
JUNE					
04...	.03	.0	.0	3.8	3.2
24...	.10	.0	--	--	--
JULY					
08...	.03	.0	.0	--	--
AUG.					
07...	.03	.1	.0	--	--
22...	.03	.1	--	--	--
SEP.					
09...	.00	.1	.0	7.4	4.7

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306400 - WHITE RIVER ABV HELLS HOLE CANYON NR WATSON UT

PROCESS DATE 01/14/77
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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DATE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	SURFACE AREA (SQUARE MILES) (00049)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)
OCT.												
07...	12.0	23.5	4.1	414	2	6	710	8.1	17	8.5	.9	147
21...	6.5	--	4.1	430	20	--	700	--	5	8.5	--	176
DEC.												
02...	.0	--	4.1	293	20	5	811	11.0	6	8.2	2.4	194
APR.												
19...	10.5	--	4.1	--	--	--	--	--	--	--	--	--
20...	11.9	--	4.1	562	260	20	750	7.7	26	8.3	1.7	179
20...	11.9	--	4.1	562	--	--	750	7.7	--	8.3	--	--
JUNE												
16...	14.4	--	4.1	--	350	30	435	--	--	8.0	2.3	117
JULY												
14...	--	--	4.1	--	--	--	--	--	--	--	--	--
24...	25.1	--	4.1	--	65	7	863	--	8	8.0	4.5	230
24...	25.1	--	4.1	--	--	--	775	--	--	8.0	--	--
AUG.												
04...	--	--	4.1	--	--	--	--	--	--	--	--	--
19...	20.6	--	4.1	--	50	5	800	--	--	7.7	7.6	195
SEP.												
21...	16.9	--	4.1	270	30	5	833	--	--	7.7	7.0	179

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	BICARBONATE (MCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)
OCT.												
07...	175	0	450	0	--	--	.00	.00	.06	.48	.06	.00
21...	214	0	--	0	--	--	.00	.00	.00	.21	.00	.00
DEC.												
02...	237	0	550	0	--	--	.07	.02	.16	.20	.18	.03
APR.												
19...	--	--	--	--	252	268	--	--	--	--	--	--
20...	218	0	--	0	--	--	.03	.00	.07	1.3	.07	.00
20...	--	--	550	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	143	0	--	--	--	--	.01	.01	.28	2.1	.29	.00
JUNE												
15...	168	0	--	--	--	--	.03	.00	.06	.76	.06	.06
JULY												
14...	--	--	--	--	--	--	--	--	--	--	--	--
24...	280	0	--	0	--	--	.01	.01	.02	.49	.03	--
24...	--	--	--	--	--	--	--	--	--	--	--	.03
24...	--	--	560	560	--	0	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	238	0	--	--	--	--	.00	.00	.04	.14	.04	.03
SEP.												
21...	218	0	--	--	--	--	.00	.00	.09	.35	.09	.00

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO, PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA+MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
OCT.												
07...	.05	.00	3.6	--	--	.00	.55	240	97	61	22	56
21...	.04	.00	--	--	--	--	.32	260	80	66	22	50
DEC.												
02...	.02	.01	--	--	--	.00	.0	280	84	72	24	66
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	.31	.00	--	3.5	1.3	.00	.3	270	89	64	26	66
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	1.2	.00	--	5.2	--	.00	--	160	46	42	14	22
JUNE												
13...	.08	.02	--	5.0	--	.00	--	180	42	47	15	27
JULY												
14...	--	--	--	--	--	--	--	--	--	--	--	--
24...	.11	.01	--	7.0	--	.00	.0	330	96	79	31	67
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	.05	.01	--	14	--	.00	--	310	110	73	30	70
SEP.												
21...	.05	.00	--	2.5	--	.00	--	300	120	69	31	68

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DATE	SODIUM ADSORPTION RATIO (00931)	PERCENT SODIUM (00932)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED ARSENIC (AS) (UG/L) (01000)	DISSOLVED BARIUM (BA) (UG/L) (01005)	DISSOLVED BERYLLIUM (BE) (UG/L) (01010)	DISSOLVED BISMUTH (BI) (UG/L) (01015)	DISSOLVED BORON (B) (UG/L) (01020)
OCT.												
07...	1.6	33	1.8	32	150	.3	11	1	<100	0	<3	60
21...	1.4	30	1.6	31	140	.2	11	--	--	--	--	--
DEC.												
02...	1.7	34	1.7	36	170	.3	14	0	0	--	--	60
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	1.8	35	1.7	33	190	.2	12	1	0	0	--	60
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	.8	23	1.7	15	70	.2	12	1	--	--	--	50
JUNE												
15...	.9	25	1.4	15	82	.3	13	0	--	--	--	60
JULY												
14...	--	--	--	--	--	--	--	--	--	--	--	--
24...	1.6	31	1.2	36	180	.4	16	2	0	10	--	60
24...	--	--	--	--	--	--	--	--	80	<3	<15	60
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	1.7	33	2.3	41	200	.3	12	0	--	--	--	80
SEP.												
21...	1.7	33	2.4	44	190	.3	11	1	--	--	--	80

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DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
OCT.												
07...	0	10	0	1	0	0	10	3	3	0	820	2.1
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	0	<10	0	6	0	0	0	3	2	--	--	1.4
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	0	10	--	4	30	0	10	1	4	--	790	1.6
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	--	--	--	--	20	--	10	--	--	--	500	--
JUNE												
15...	--	--	--	--	0	--	0	--	--	--	700	--
JULY												
14...	--	--	--	--	--	--	--	--	--	--	--	--
24...	0	0	--	3	10	0	10	0	4	--	820	3.9
24...	--	<10	<10	3	30	<10	<7	10	<10	<1	840	<10
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	10	--	0	--	--	--	940	--
SEP.												
21...	--	--	--	--	30	--	10	--	--	--	970	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	UNCOR-RECTED PENI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)
OCT.												
07...	10	<4	10	<2	<6	10	0	<2	<5	<1.4	<1.0	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	10	--	20	--	--	10	1	--	--	3.7	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	.000
20...	0	--	20	--	--	10	1	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	8.9	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	--	--	30	--	--	--	--	--	--	--	--	--
JUNE												
15...	--	--	0	--	--	--	--	--	--	--	--	--
JULY												
14...	--	--	--	--	--	--	--	--	--	--	--	--
24...	0	--	20	--	--	20	2	--	--	--	--	--
24...	--	<10	50	<5	<20	--	--	<10	<20	--	--	--
24...	--	--	--	--	--	--	--	--	--	3.9	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	10	--	--	--	--	--	--	--	--	--
SEP.												
21...	--	--	80	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	UNCORRECTED PERIPHYTON CHLOROPHYLL A MG/SQ M (32228)	CHLOROPHYLL A (UG/L) (32230)	CHLOROPHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	POLYCHLORINATED NAPHTHALENES (UG/L) (39250)	TOTAL ALDRIN (UG/L) (39330)	ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333)	TOTAL LINDANE (UG/L) (39340)	LINDANE IN BOTTOM MATERIAL (UG/KG) (39343)	TOTAL CHLORDANE (UG/L) (39350)	CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351)
OCT.												
07...	--	1.50	--	--	.0	--	.00	--	.00	--	.0	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	--	1.20	.800	1	--	--	--	--	--	--	--	--
APR.												
19...	37.1	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	--	--	--	2	--	--	--	--	--	--	--	--
JUNE												
15...	--	--	--	0	--	--	--	--	--	--	--	--
JULY												
14...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	7	.0	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	2	--	--	--	--	--	--	--	--
SEP.												
21...	--	--	--	2	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL DDD (UG/L) (39360)	DDD IN BOTTOM MATERIAL (UG/KG) (39363)	TOTAL DDE (UG/L) (39365)	DDE IN BOTTOM MATERIAL (UG/KG) (39368)	TOTAL DDT (UG/L) (39370)	DDT IN BOTTOM MATERIAL (UG/KG) (39373)	TOTAL DIELDRIN (UG/L) (39380)	DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383)	TOTAL ENDRIN (UG/L) (39390)	ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393)	TOTAL TOXAPHENE (UG/L) (39400)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG) (39403)
OCT.												
07...	.00	--	.00	--	.00	--	.00	--	.00	--	0	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	0	0
MAY												
16...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
15...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
14...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
21...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL HEPTACHLOR (UG/L) (39410)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG) (39413)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG) (39423)	TOTAL PCB (UG/L) (39516)	PCB IN BOTTOM MATERIAL (UG/KG) (39519)	TOTAL 2,4-D (UG/L) (39730)	2,4-D IN BOTTOM MATERIAL (UG/KG) (39731)	TOTAL 2,4,5-T (UG/L) (39740)	2,4,5-T IN BOTTOM MATERIAL (UG/KG) (39741)	TOTAL SILVEX (UG/L) (39760)	SILVEX IN BOTTOM MATERIAL (UG/KG) (39761)
OCT.												
07...	.00	--	.00	--	.0	--	.00	--	.00	--	.00	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	.00	.0	.00	.0	.0	0	.00	0	.00	0	.00	0
MAY												
16...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
15...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
14...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
21...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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DATE	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	BIOMASS CHLORO-PHYLL RATIO PERI-PHYTON (UNITS) (70950)	CHLOR-A PERI-PHYTON CHROMO-SPECT-METRIC (UG/L) (70955)	CHLOR-B PERI-PHYTON CHROMO-SPECT-METRIC (UG/L) (70956)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)
OCT.									
07...	449	424	502	.61	--	--	--	.00	.27
21...	454	428	527	.62	--	--	--	.00	.00
DEC.									
06...	510	502	403	.69	--	--	--	.09	.71
APR.									
19...	--	--	--	--	--	--	--	--	--
20...	525	502	797	.71	--	--	--	.04	.31
20...	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--
MAY									
10...	266	244	--	.36	--	--	--	.01	1.2
JUNE									
15...	288	285	--	.39	--	--	--	.04	.27
JULY									
14...	--	--	--	--	0	1.5	.3	--	--
24...	574	552	--	.78	--	--	--	.01	.09
24...	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--
AUG.									
04...	--	--	--	--	12	.0	.0	--	--
19...	560	547	--	.76	--	--	--	.00	.18
SEP.									
21...	516	525	376	.70	--	--	--	.00	.40

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.					
07...	.00	.1	.0	8.5	<1.1
21...	.00	.0	--	--	--
DEC.					
02...	.07	.1	.0	<5.8	2.9
APR.					
19...	--	--	--	--	--
20...	.00	.1	.0	--	--
20...	--	--	--	4.9	7.0
20...	--	--	--	--	--
MAY					
16...	.03	--	--	--	--
JUNE					
15...	.00	--	--	--	--
JULY					
14...	--	--	--	--	--
24...	.03	.1	.2	--	--
24...	--	--	--	--	--
24...	--	--	--	<4.8	3.2
AUG.					
04...	--	--	--	--	--
19...	.00	--	--	--	--
SEP.					
21...	.00	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)
OCT.												
08...	18.0	--	.03	4	5	5600	8.1	28	8.3	3.9	399	487
20...	2.3	--	.01	2	--	4240	--	18	7.1	63	404	492
NOV.												
05...	16.0	16.5	.20	1	1	4300	8.8	12	7.7	15	382	466
DEC.												
03...	.0	--	.82	2	5	4400	10.1	19	7.6	21	425	518

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)	TOTAL PHOSPHORUS (P) (MG/L) (00665)	DISSOLVED ORTHO. PHOSPHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT.												
08...	0	4500	1	.00	.04	5.0	1.2	5.0	.00	.00	.00	31
20...	0	--	0	.00	.03	8.4	.57	8.4	.00	.01	.00	--
NOV.												
05...	0	3500	0	.04	.01	3.3	.76	3.3	.03	.00	.01	--
DEC.												
03...	0	4100	0	.00	.02	7.7	1.4	7.7	.06	.00	.02	--
	7		7	7	7	7	7	7	7	7	7	1
	0-0		2±5	.01±.02	.02±.01	5.5±1.5	2.1±1.1	5.5±1.0	.02±.03	.47±1.13	.01±.01	31
	0-0		1-0	.01-.00	.01-.01	8.4-3.3	1.5-.57	8.4-3.3	.06-.00	3.0-.00	.02-.00	

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)
OCT.												
08...	.01	.5	1300	880	180	200	760	9.3	56	6.9	41	2400
20...	--	.3	1200	750	180	170	660	8.5	55	4.9	38	2000
NOV.												
05...	.00	.0	1100	700	170	160	710	9.4	59	6.3	38	2200
DEC.												
03...	.00	.0	1100	660	170	160	700	9.3	58	5.5	36	2000
	5	7	7	7	7	7	7	7	7	7	7	7
	100±.01	.4±.7	1100±200	680±160	160±70	160±40	670±160	8.9±1.5	58±3	7.4±2.4	36±8	2000±500
		1.3-.0	1500-500	880-360		200-60	710-500	100-57	61-54	-4.9	43-19	2400-1000
					180-170							

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)
OCT.												
08...	.9	12	2	<100	10	1200	0	10	1	2	80	0
20...	1.0	11	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	.8	10	1	0	--	860	0	2	1	3	40	0
DEC.												
03...	1.1	13	0	0	--	1600	0	<10	1	7	20	1
	7	7	5				5		5	5	5	5
	.9±.2	12±2	1±1		1	970±560	0±0		1±1	9±11	43±27	0±1
	1.1-0.6	14-9	2-0		10	1600-80	0-0		1-0	29-2	80-10	1-0

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)
OCT.												
08...	30	43	3	0	4000	.9	10	20	130	4	17	<1.0
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	20	29	5	--	--	2.0	30	10	80	2	<11 4	--
DEC.												
03...	20	44	3	--	--	1.2	20	20	100	14	15 23±8 30-15	--
	5	5	5	1	1	5	5	5	5	5	5	1
	20±10 30-10	33±15 44-9	4±2 6-2	0	4000	1.2±.5 [illegible]	10±10 30-0	20±10 40-10	[illegible]	5±5 14-1	<10±[illegible] [illegible]-11	<1.0

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)
OCT.												
08...	3.60	.200	1	.0	.00	.00	.0	.00	.00	.00	.00	.00
20...	--	--	3	--	--	--	--	--	--	--	--	--
NOV.												
05...	.800	.900	1	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	--	2	--	--	--	--	--	--	--	--	--

4 4 7
4,5,13,2 4,5,15,6 5,1,4
24-,2 13-,2 11-1

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (LG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)
OCT.												
08...	0	.00	.00	.0	.00	.00	.00	4220	3870	.42	5.74	.00
20...	--	--	--	--	--	--	--	3650	3350	.10	4.96	.00
NOV.												
05...	--	--	--	--	--	--	--	3770	3540	2.04	5.13	.05
DEC.												
03...	--	--	--	--	--	--	--	3630	3380	8.04	4.94	.00

7

3560 1820

4270 - 1770

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED NITRATE (NO3) (MG/L) (71851)	DIS-SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.						
08...	22	.13	.3	.0	<51	15
20...	37	.10	.2	--	--	--
NOV.						
05...	15	.03	.3	.0	<38	<9.1
DEC.						
03...	34	.07	.3	.0	<46	13
			7	5	5	4
			.3±.1	.0±.1	<50±20	20±10
			.3±.1	.0		

20±6
13

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306420 - EVACUATION CREEK AT WATSON UTAH

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)
OCT.												
09...	15.0	--	.01	2	10	5600	6.2	56	8.0	9.2	470	573
20...	5.9	--	.00	2	--	5320	--	34	--	--	386	470
NOV.												
05...	9.0	6.0	.05	5	15	5000	7.3	40	7.5	27	436	532
DEC.												
04...	3.0	--	.08	40	60	5200	9.0	39	7.5	28	453	552
JAN.												
06...	2.0	-2.0	.03	5	15	5000	7.9	35	7.8	15	487	594
FEB.												
24...	.5	--	.60	80	--	4970	--	48	7.2	54	441	538
MAR.												
31...	4.0	--	.80	--	--	4400	10.3	--	8.3	4.3	442	539
APR.												
21...	9.9	--	3.4	620	10	4300	5.7	57	8.8	1.2	400	488
MAY												
10...	6.1	--	--	580	10	4200	--	--	7.9	9.1	372	454
JUNE												
13...	15.9	--	--	3	10	5490	--	--	7.9	11	468	570
JULY												
22...	12.8	--	--	5	0	5410	--	37	8.2	5.9	481	586
24...	12.8	--	--	--	--	5900	--	--	8.2	--	--	--
28...	12.8	--	--	--	--	5900	--	--	8.2	--	--	--
AUG.												
19...	13.1	--	--	15	10	5300	--	--	8.1	7.4	477	581
SEP.												
21...	11.6	--	--	8	10	5350	--	--	8.1	7.4	480	585

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)	TOTAL PHOSPHORUS (P) (MG/L) (00665)	DISSOLVED ORTHO PHOSPHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)
OCT.												
09...	0	5100	0	.00	.00	.00	1.0	.00	.03	.00	.01	17
20...	0	--	0	.00	.01	.02	1.0	.03	.00	.02	.00	--
NOV.												
05...	0	4100	0	.03	.01	.64	1.2	.65	.00	.01	.00	--
DEC.												
04...	0	4800	0	.00	.02	.73	1.3	.75	.03	.01	.01	--
JAN.												
06...	0	4900	0	.04	.00	.01	1.6	.01	.06	.01	.02	16
FEB.												
24...	0	--	0	--	--	--	1.2	1.2	.03	.10	.01	--
MAR.												
31...	0	--	0	.01	.01	.99	1.4	1.0	.03	.39	.01	12
31...	--	4000	--	--	--	--	--	--	--	--	--	--
APR.												
21...	0	--	0	.03	.01	.94	2.3	.95	.00	.95	.00	--
21...	--	3400	--	--	--	--	--	--	--	--	--	--
MAY												
16...	0	--	--	.01	.01	.84	.83	.85	.00	.29	.00	--
JUNE												
13...	0	--	--	.02	.01	.02	.76	.03	.00	.03	.00	--
JULY												
24...	0	--	0	.03	.00	.01	.57	.01	.03	.03	.01	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	4700	--	--	--	--	--	--	--	--	--	--
AUG.												
19...	0	--	--	.00	.00	.07	.82	.07	.06	.02	.02	--
SEP.												
21...	0	--	--	.00	.00	.02	.56	.03	.03	.02	.01	--

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DATE	DIS-SOLVED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOLVED FLUORIDE (F) (MG/L) (00746)	HARD-NESS (CA+MG) (MG/L) (00900)	NON-CARBONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CALCIUM (CA) (MG/L) (00915)	DIS-SOLVED MAGNESIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM ADSORPTION RATIO (00931)	PERCENT SODIUM (00932)
OCT.												
04...	--	--	--	.00	.2	1200	750	190	180	980	12	63
20...	--	--	--	--	.1	1300	920	210	190	950	11	61
NOV.												
05...	--	--	--	.00	.3	1200	800	180	190	930	12	62
DEC.												
04...	--	--	--	.00	.0	1100	690	160	180	910	12	63
JAN.												
06...	--	123	--	.00	.0	1400	870	210	200	980	12	61
FEB.												
24...	--	--	--	--	.3	1200	750	180	180	810	10	60
MAR.												
31...	11	--	--	.00	.0	1100	700	160	180	780	10	60
31...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	8.4	--	.3	.00	.0	950	550	130	150	660	9.4	60
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	8.8	--	--	.00	--	1000	630	120	170	700	9.6	60
JUNE												
13...	17	--	--	.00	--	1400	920	210	210	920	11	59
JULY												
24...	13	--	--	.00	.0	1200	740	170	190	910	11	62
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
19...	21	--	--	.00	--	1200	740	190	180	930	12	62
SEP.												
21...	13	--	--	.00	--	1300	850	200	200	940	11	61

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DATE	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (~~01010~~)	DIS-SOLVED BISMUTH (BI) (UG/L) (~~01015~~)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (~~01030~~)
OCT.												
09...	9.0	58	2700	.9	10	2	<100	10	--	2300	0	10
20...	9.1	59	2900	1.0	10	--	--	--	--	--	--	--
NOV.												
05...	9.2	56	2700	1.0	9.6	3	0	--	--	2600	1	45
DEC.												
04...	8.2	54	2400	.9	9.5	4	0	--	--	2000	0	<10
JAN.												
06...	8.6	75	2800	.8	9.3	0	30	10	<80	2000	0	0
FEB.												
24...	7.8	51	2400	.9	8.6	--	--	--	--	--	--	--
MAR.												
31...	6.8	77	2200	.9	10	1	0	10	--	1100	0	0
31...	--	--	--	--	--	--	40	<10	<100	780	0	<65
APR.												
21...	4.6	34	1900	.6	10	1	0	0	--	620	0	10
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	6.6	28	2100	.8	12	1	--	--	--	520	--	--
JUNE												
13...	8.0	58	2700	2.3	12	1	--	--	--	1200	--	--
JULY												
24...	8.5	55	2700	1.2	13	3	20000	10	--	2100	0	0
24...	--	--	--	--	--	--	50	<20	<100	1000	--	<75
24...	11	--	--	--	--	--	--	--	--	--	--	--
AUG.												
19...	12	100	2700	1.1	10	4	--	--	--	2600	--	--
SEP.												
21...	10	53	3000	1.1	11	3	--	--	--	2400	--	--

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DATE	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)
OCT.												
09...	1	5	0	0	230	42	5	0	4200	.4	10	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	1	8	50	2	170	35	10	--	--	2.9	50	--
DEC.												
04...	1	6	30	0	170	33	5	--	--	1.3	10	--
JAN.												
06...	0	20	10	0	410	29	3	0	4000	1.3	0	<80
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
31...	--	5	70	1	30	29	4	--	3700	1.2	10	--
31...	<65	<10	90	<65	<70	40	<65	<7	5000	<65	10	<100
APR.												
21...	--	6	40	0	10	18	2	--	3100	.8	0	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
16...	--	--	10	--	8	--	--	--	3500	--	--	--
JUNE												
13...	--	--	30	--	100	--	--	--	2700	--	--	--
JULY												
24...	--	7	1048	0	200	4	5	--	2400	3.3	0	--
24...	<75	<15	100	<75	450	100	<75	<8	4200	<75	--	<75
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
19...	--	--	40	--	310	--	--	--	3800	--	--	--
SEP.												
21...	--	--	60	--	200	--	--	--	3900	--	--	--

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DATE	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)
OCT.												
09...	10	--	--	140	0	--	--	28	<1.0	6.80	3.20	1
20...	--	--	--	--	--	--	--	--	--	--	--	4
NOV.												
05...	20	--	--	120	1	--	--	26	--	--	--	4
DEC.												
04...	30	--	--	90	1	--	--	120	--	1.50	1.10	2
JAN.												
06...	10	<40	<170	100	0	<50	<170	31	<1.0	.400	.200	4
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	3
MAR.												
31...	60	--	--	80	--	--	--	--	--	--	--	4
31...	150	<30	<70	80	--	<20	<140	18	--	--	--	--
APR.												
21...	50	--	--	60	2	--	--	--	--	--	--	3
21...	--	--	--	--	--	--	--	11	--	--	--	--
MAY												
10...	10	--	--	--	--	--	--	--	--	--	--	4
JUNE												
13...	0	--	--	--	--	--	--	--	--	--	--	2
JULY												
24...	40	--	--	100	0	--	--	--	--	--	--	0
24...	100	<30	<100	--	--	<80	<100	--	--	--	--	--
24...	--	--	--	--	--	--	--	32	--	--	--	--
AUG.												
19...	20	--	--	--	--	--	--	--	--	--	--	2
SEP.												
21...	80	--	--	--	--	--	--	--	--	--	--	1

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DATE	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	POLYCHLORINATED NAPHTHALENES (UG/L) (39250)	TOTAL ALDRIN (UG/L) (39330)	ALDRIN IN BOTTOM MATERIAL (UG/KG) (39333)	TOTAL LINDANE (UG/L) (39340)	LINDANE IN BOTTOM MATERIAL (UG/KG) (39343)	TOTAL CHLORDANE (UG/L) (39350)	CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351)	TOTAL DDD (UG/L) (39360)	DDD IN BOTTOM MATERIAL (UG/KG) (39363)	TOTAL DDE (UG/L) (39365)	DDE IN BOTTOM MATERIAL (UG/KG) (39368)
OCT.												
09...	.4	--	.00	--	.00	--	.0	--	.00	--	.00	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
31...	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	.0	--	--	--	--	--	--	--	--	--	--	--
21...	--	.00	.00	.0	.00	.0	.0	0	.00	.0	.00	.0
MAY												
18...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
13...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
24...	.0	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
21...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL DDT (UG/L) (39370)	DDT IN BOTTOM MATERIAL (UG/KG) (39373)	TOTAL DIELDRIN (UG/L) (39380)	DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383)	TOTAL ENDRIN (UG/L) (39390)	ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393)	TOTAL TOXAPHENE (UG/L) (39400)	TOXAPHENE IN BOTTOM MATERIAL (UG/KG) (39403)	TOTAL HEPTACHLOR (UG/L) (39410)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG) (39413)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG) (39423)
OCT.												
09...	.00	--	.00	--	.00	--	0	--	.00	--	.00	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
31...	--	--	--	--	--	--	--	--	--	--	--	--
31...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.00	.0	.00	.0	.00	.0	0	0	.00	.0	.00	.0
MAY												
16...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
13...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
21...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL PCB (39516) (UG/L)	PCB IN BOTTOM MATERIAL (39519) (UG/KG)	TOTAL 2,4-D (39730) (UG/L)	2,4-D IN BOTTOM MATERIAL (39731) (UG/KG)	TOTAL 2,4,5-T (39740) (UG/L)	2,4,5-T IN BOTTOM MATERIAL (39741) (UG/KG)	TOTAL SILVEX (39760) (UG/L)	SILVEX IN BOTTOM MATERIAL (39761) (UG/KG)	DISSOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	DISSOLVED SOLIDS (TONS PER DAY) (70302)	DISSOLVED SOLIDS (TONS PER AC-FT) (70303)
OCT.												
09...	.0	--	.00	--	.00	--	.00	--	4740	4420	.13	6.45
20...	--	--	--	--	--	--	--	--	4660	4560	.06	6.34
NOV.												
05...	--	--	--	--	--	--	--	--	4410	4340	.60	6.00
DEC.												
04...	--	--	--	--	--	--	--	--	4440	4000	.98	6.04
JAN.												
06...	--	--	--	--	--	--	--	--	4740	4580	.47	6.45
FEB.												
24...	--	--	--	--	--	--	--	--	4250	3910	6.89	5.78
MAR.												
31...	--	--	--	--	--	--	--	--	4060	3690	8.77	5.52
31...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	--	--	--	--	--	3310	3110	30.4	4.50
21...	.0	0	.00	0	.00	0	.00	0	--	--	--	--
MAY												
16...	--	--	--	--	--	--	--	--	3530	3370	--	4.80
JUNE												
13...	--	--	--	--	--	--	--	--	4740	4410	--	6.45
JULY												
24...	--	--	--	--	--	--	--	--	4750	4360	--	6.46
24...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
19...	--	--	--	--	--	--	--	--	4640	4420	--	6.31
SEP.												
21...	--	--	--	--	--	--	--	--	4580	4710	--	6.23

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DATE	DIS- SOLVED AMMONIA (NH4) (MG/L) ~~(71846)~~	DIS- SOLVED NITRATE (NO3) (MG/L) ~~(71851)~~	DIS- SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.							
09...	.00	.00	.03	.4	.0	<57	24
20...	.00	.09	.03	.3	--	--	--
NOV.							
05...	.04	2.8	.03	.2	.0	<43	21
DEC.							
04...	.00	3.2	.07	.3	.0	90	93
JAN.							
06...	.05	.04	.00	.4	.1	<53	28
FEB.							
24...	--	--	--	.4	--	--	--
MAR.							
31...	.01	4.4	.03	.5	.1	--	--
31...	--	--	--	--	--	<49	14
APR.							
21...	.04	4.2	.03	.2	.0	--	--
21...	--	--	--	--	--	<38	9.0
MAY							
16...	.01	3.7	.03	--	--	--	--
JUNE							
13...	.03	.09	.03	--	--	--	--
JULY							
24...	.04	.04	.00	.3	.2	--	--
24...	--	--	--	--	--	--	--
24...	--	--	--	--	--	<69	27
AUG.							
19...	.00	.31	.00	--	--	--	--
SEP.							
21...	.00	.09	.03	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)
OCT.												
07...	17.5	21.5	.03	4	7	5100	9.0	30	7.6	20	407	496
20...	15.9	--	15	3	--	4630	--	25	7.4	30	390	476
NOV.												
03...	15.5	11.0	.01	1	12	4150	11.0	27	8.3	3.9	395	481
26...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	3.0	2.5	.05	3	6	4390	11.0	23	7.5	25	410	500
JAN.												
08...	.5	--	.03	1	9	4600	6.4	20	7.7	17	435	530
FEB.												
24...	6.8	--	.30	10	--	4230	10.0	24	8.5	2.5	401	489
MAR.												
30...	12.8	--	1.1	--	--	3900	7.7	--	8.3	4.1	418	510
30...	12.8	--	1.1	--	--	3500	7.7	--	8.3	--	--	--
APR.												
21...	17.0	--	1.7	1200	10	4280	--	55	8.7	1.5	379	462
21...	~~17.0~~	--	~~1.7~~	--	--	2930	--	--	~~8.7~~	--	--	--
21...	~~17.0~~	--	~~1.7~~	--	--	~~2930~~	--	--	~~8.7~~	--	--	--
30...	16.0	--	--	--	--	4300	--	--	7.5	--	--	--
MAY												
17...	8.8	--	--	70	10	4300	--	--	7.8	11	366	446
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	387	--
JUL												
20...	27.1	--	--	1000	50	2790	--	47	7.8	6.8	219	267
20...	~~27.1~~	--	--	--	--	2250	--	--	~~7.8~~	--	--	--
20...	~~27.1~~	--	--	--	--	~~2250~~	--	--	~~7.8~~	--	--	--
30...	--	--	.05	--	--	--	--	--	--	--	--	--
AUG.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
19...	25.8	--	--	4	7	4400	--	--	8.1	5.7	371	452
SEP.												
18...	27.2	--	--	15	8	4600	--	--	8.1	6.3	404	492

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DATE	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)	TOTAL PHOSPHORUS (P) (MG/L) (00665)
OCT.												
07...	0	4200	0	--	--	.00	.03	.07	.75	.10	.00	.00
20...	0	3800	0	--	--	.01	.01	.24	.50	.02	.00	.01
NOV.												
05...	0	3700	0	--	--	.02	.01	.06	.86	.07	.00	.00
20...	--	--	--	4.30	4.50	--	--	--	--	--	--	--
DEC.												
03...	0	3600	0	--	--	.04	.01	.06	.59	.07	.03	.00
JAN.												
08...	0	3900	0	--	--	.03	.01	.03	.68	.04	.03	.00
FEB.												
24...	0	--	0	--	--	.04	.02	1.7	1.1	1.7	.00	.03
MAR.												
30...	0	--	0	--	--	.03	.01	1.3	1.3	1.3	.03	.02
30...	--	4100	--	--	--	--	--	--	--	--	--	--
APR.												
21...	0	--	0	--	--	.03	.01	1.1	2.3	1.1	.03	1.0
21...	--	3500	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	1.54	1.92	--	--	--	--	--	--	--
MAY												
17...	0	--	--	--	--	.01	.01	.81	.58	.82	.00	.12
JUNE												
12...	--	--	--	--	--	.03	.00	.88	--	--	.00	--
JULY												
20...	0	--	0	--	--	.00	.09	1.1	30	1.2	.00	33
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	2300	--	--	--	--	.02	.05	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
03...	--	--	--	--	--	--	.00	.06	--	--	.02	35.00
19...	0	--	--	--	--	.00	.00	.08	.25	.08	.03	.00
SEP.												
18...	0	--	--	--	--	.00	.00	.06	.45	.06	.03	.02

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DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
OCT.												
07...	.00	15	--	--	--	.00	.2	1200	770	190	170	740
20...	.00	--	--	--	--	--	.0	1100	690	170	160	760
NOV.												
05...	.00	--	--	--	--	.00	.0	1100	690	170	160	780
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	.01	--	--	--	--	.00	.0	1100	670	170	160	740
JAN.												
08...	.01	12	--	114	--	.00	.2	1200	720	180	170	730
FEB.												
24...	.00	--	--	--	--	--	2.0	1000	640	170	150	680
MAR.												
30...	.01	15	9.2	--	--	.00	.0	1100	710	170	170	730
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	.00	--	6.2	--	--	.00	1.3	990	610	130	160	710
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	.00	--	11	--	--	.00	--	990	620	130	160	750
JUNE												
12...	--	--	--	--	--	--	--	1100	670	--	--	--
JULY												
20...	.00	--	20	--	--	.00	.0	960	740	240	86	320
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
19...	.01	--	16	--	--	.00	--	1100	690	160	160	770
SEP.												
18...	.01	--	35	--	--	.00	--	1100	680	170	160	790

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DATE	SODIUM ADSORPTION RATIO (00931)	PERCENT SODIUM (00932)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED ARSENIC (AS) (UG/L) (01000)	DISSOLVED BARIUM (BA) (UG/L) (01005)	DISSOLVED BERYLLIUM (BE) (UG/L) (01010)	DISSOLVED BISMUTH (BI) (UG/L) (01015)	DISSOLVED BORON (B) (UG/L) (01020)
OCT.												
07...	9.4	58	8.7	51	2300	.8	9.3	2	<100	10	--	1800
20...	10	60	8.1	51	2300	.8	7.3	--	--	--	--	--
NOV.												
05...	10	61	8.9	52	2200	.8	6.8	2	0	--	--	1900
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	9.8	60	7.4	49	2100	.7	8.2	1	100	--	--	1800
JAN.												
06...	9.4	58	7.7	57	2100	.8	8.8	0	20	10	<60	1900
FEB.												
24...	9.2	58	8.2	45	2000	.7	9.0	--	--	--	--	--
MAR.												
30...	9.5	58	8.4	75	2200	.9	10	1	0	10	--	1300
30...	--	--	--	--	--	--	--	--	40	<10	<90	900
APR.												
21...	9.9	61	5.8	34	2100	.6	10	1	0	0	--	1000
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	10	62	8.3	34	2200	.9	12	1	--	--	--	10
JUNE												
12...	9.0	58	--	--	--	--	--	0	--	--	--	--
JULY												
20...	4.5	42	11	19	1300	.8	11	2	300	10	--	340
20...	--	--	--	--	--	--	--	--	200	<10	<50	170
20...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
19...	10	61	11	81	2200	.9	8.8	1	--	--	--	2100
SEP.												
18...	10	61	11	52	2400	1.1	12	3	--	--	--	2400

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DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
OCT.												
07...	0	10	1	4	0	0	90	53	4	0	4100	.7
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	0	0	1	2	30	2	80	49	8	--	--	2.6
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	0	<10	1	2	20	1	130	43	6	--	--	1.1
JAN.												
08...	0	0	1	5	20	0	110	39	4	0	3900	1.3
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	0	0	--	7	20	1	30	37	4	--	3700	1.3
30...	0	<60	<60	<13	60	<60	<60	110	<60	<6	3800	<60
APR.												
21...	0	20	--	3	30	2	10	26	3	--	3400	1.1
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	--	--	--	--	10	--	30	--	--	--	3700	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	0	0	--	12	60	2	<20	0	6	--	3000	1.6
20...	--	<35	<35	<10	60	<35	<30	40	<35	<5	3000	<30
20...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	40	--	110	--	--	--	3800	--
SEP.												
18...	--	--	--	--	20	--	140	--	--	--	4000	--

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DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32226)
OCT.												
07...	10	--	20	--	--	170	1	--	--	27	<1.0	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	20	--	0	--	--	140	0	--	--	22	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	.100
DEC.												
03...	10	--	20	--	--	110	0	--	--	44	--	--
JAN.												
08...	10	<60	10	<30	<130	120	0	<40	<130	25	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	10	--	10	--	--	90	2	--	--	--	--	--
30...	0	<100	110	<30	<60	100	--	<10	<130	30	--	--
APR.												
21...	10	--	0	--	--	70	3	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	26	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	.000
MAY												
17...	--	--	0	--	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	30	--	40	--	--	40	5	--	--	--	--	--
20...	--	<50	110	<20	<40	--	--	<30	<70	--	--	--
20...	--	--	--	--	--	--	--	--	--	54	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	10	--	--	--	--	--	--	--	--	--
SEP.												
18...	--	--	20	--	--	--	--	--	--	--	--	--

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OCT.												
07...	--	2.40	.100	0	.0	--	.00	--	.00	--	.0	--
20...	--	--	--	4	--	--	--	--	--	--	--	--
NOV.												
05...	--	1.90	.900	2	--	--	--	--	--	--	--	--
28...	1.70	--	--	2	--	--	--	--	--	--	--	--
DEC.												
03...	--	1.60	.300	1	--	--	--	--	--	--	--	--
JAN.												
08...	--	.000	.000	2	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	3	--	--	--	--	--	--	--	--
MAR.												
09...	--	--	--	3	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	2	.0	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	.00	.00	.0	.00	.0	.0	0
30...	.000	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	--	--	--	1	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	--	--	--	6	.1	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	2	--	--	--	--	--	--	--	--
SEP.												
16...	--	--	--	2	--	--	--	--	--	--	--	--

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OCT.												
07...	.00	--	.00	--	.00	--	.00	--	.00	--	0	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0	0	0
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
18...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL HEPTACHLOR (UG/L) (39410)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG) (39413)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG) (39423)	TOTAL PCB (UG/L) (39516)	PCB IN BOTTOM MATERIAL (UG/KG) (39519)	TOTAL 2,4-D (UG/L) (39730)	2,4-D IN BOTTOM MATERIAL (UG/KG) (39731)	TOTAL 2,4,5-T (UG/L) (39740)	2,4,5-T IN BOTTOM MATERIAL (UG/KG) (39741)	TOTAL SILVEX (UG/L) (39760)	SILVEX IN BOTTOM MATERIAL (UG/KG) (39761)
OCT.												
07...	.00	--	.00	--	.0	--	.00	--	.00	--	.00	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
09...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.00	.0	.00	.0	.0	0	.00	0	.00	0	.00	0
30...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
17...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
18...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	BIOMASS CHLORO-PHYLL RATIO PERI-PHYTON (UNITS) (70950)	CHLOR-A PERI-PHYTON CHROMO-SPECT-METRIC (UG/L) (70955)	CHLOR-B PERI-PHYTON CHROMO-SPECT-METRIC (UG/L) (70956)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)
OCT.									
07...	3970	3720	.32	5.40	--	--	--	.00	.31
20...	3840	3690	156	5.22	--	--	--	.01	.04
NOV.									
05...	3820	3620	.10	5.20	--	--	--	.03	.27
20...	--	--	--	--	--	--	--	--	--
DEC.									
03...	3470	3480	.47	4.72	--	--	--	.05	.27
JAN.									
0d...	3870	3520	.31	5.26	--	--	--	.04	.13
FEB.									
24...	3560	3310	2.88	4.84	--	--	--	.05	7.4
MAR.									
30...	3790	3630	11.3	5.15	--	--	--	.04	5.7
30...	--	--	--	--	--	--	--	--	--
APR.									
21...	3540	3300	16.2	4.81	--	--	--	.04	4.8
21...	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--
MAY									
17...	3670	3520	--	4.99	--	--	--	.01	3.6
JUNE									
12...	--	3390	--	4.80	--	--	--	.04	3.9
JULY									
20...	2280	2130	--	3.10	--	--	--	.00	4.9
20...	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--
AUG.									
03...	--	--	--	--	22340	.6	.0	--	--
19...	3730	3620	--	5.07	--	--	--	.00	.35
SEP.									
18...	3950	3850	--	5.37	--	--	--	.00	.27

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DATE	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.					
07...	.10	.3	.0	<48	23
20...	.03	.2	--	--	--
NOV.					
05...	.03	.4	.0	62	18
28...	--	--	--	--	--
DEC.					
03...	.03	.3	.0	98	35
JAN.					
06...	.03	.3	.0	<54	21
FEB.					
24...	.07	.5	--	--	--
MAR.					
30...	.03	.6	.0	--	--
30...	--	--	--	59	25
APR.					
21...	.03	.2	.0	--	--
21...	--	--	--	86	21
21...	--	--	--	--	--
30...	--	--	--	--	--
MAY					
17...	.03	--	--	--	--
JUNE					
12...	.03	--	--	--	--
JULY					
20...	.30	.2	.2	--	--
20...	--	--	--	--	--
20...	--	--	--	<22	43
10...	--	--	--	--	--
AUG.					
03...	--	--	--	--	--
19...	.00	--	--	--	--
SEP.					
18...	.00	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	SURFACE AREA (SQUARE MILES) (00044)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)
OCT.												
06...	14.2	--	4020	416	25	5	720	8.0	11	8.5	1.1	174
20...	9.3	--	4020	440	8	--	704	--	--	--	--	177
NOV.												
04...	7.6	10.5	4020	492	50	5	625	10.2	9	8.2	2.3	183
28...	--	--	4020	--	--	--	--	--	--	--	--	--
DEC.												
01...	.0	--	4020	272	20	5	808	9.8	6	8.0	3.9	198
JAN.												
05...	.5	-7.0	4020	220	7	4	831	11.4	1	8.0	4.0	205
FEB.												
24...	.0	--	4020	275	45	--	849	11.7	24	8.8	.6	194
MAR.												
03...	-1.0	--	4020	853	--	--	700	9.6	--	7.7	5.6	144
30...	8.9	--	4020	426	--	--	900	10.3	--	8.6	1.1	218
30...	8.9	--	4020	426	--	--	900	--	--	8.6	--	--
APR.												
06...	9.0	12.0	4020	547	--	--	890	8.9	--	7.9	5.0	205
19...	10.5	--	4020	--	--	--	--	--	--	8.8	--	--
21...	12.5	--	4020	508	350	10	876	6.8	25	8.8	.6	204
21...	~~12.5~~	--	~~4020~~	~~508~~	--	--	~~876~~	~~6.8~~	--	~~8.8~~	--	--
21...	~~12.5~~	--	~~4020~~	~~508~~	--	--	~~876~~	~~6.8~~	--	~~8.8~~	--	--
MAY												
04...	15.4	25.5	4020	922	--	--	580	7.6	--	8.5	3.6	156
15...	14.7	--	4020	--	440	27	435	--	--	7.0	6.1	123
JUNE												
12...	14.6	19.5	4020	--	55	30	360	--	--	6.7	9.6	109
JULY												
21...	13.1	--	4020	--	1000	10	800	--	8	7.0	42	216
21...	~~13.1~~	--	~~4020~~	--	--	--	900	--	--	7.0	--	--
30...	--	31.1	4020	--	--	--	--	--	--	--	13.4	--
AUG.		31.1		--	--					7.1	--	--
12...	21.5	30.5	4020	382	--	--	810	6.4	--	8.3	2.1	218
20...	19.1	--	4020	--	50	3	825	--	--	7.6	9.8	201
SEP.												
07...	19.0	19.5	4020	252	--	--	900	7.6	--	8.6	.9	180
10...	--	--	4020	--	--	--	--	--	--	--	--	--
18...	18.0	--	4020	--	80	4	895	--	--	7.5	12	199
30...	--	--	4020	--	--	--	--	--	--	--	--	--

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DATE	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)
OCT.												
06...	212	0	480	0	--	--	.01	.00	.00	.41	.00	.00
20...	216	0	--	0	--	--	.01	.00	.00	.25	.00	.02
NOV.												
04...	223	0	500	0	--	--	.02	.00	.02	.67	.02	.06
28...	--	--	--	--	.100	.400	--	--	--	--	--	--
DEC.												
01...	241	0	520	0	--	--	.00	.01	.15	.29	.16	.03
JAN.												
05...	250	0	--	0	--	--	.04	.00	.25	.42	.25	.03
FEB.												
24...	237	0	--	0	--	--	--	--	--	.59	.33	.00
MAR.												
03...	175	0	--	--	--	--	--	--	--	--	.56	.03
30...	248	0	--	0	--	--	.01	.00	.09	.44	.09	.00
30...	--	--	650	--	--	--	--	--	--	--	--	--
APR.												
06...	250	0	--	--	--	--	--	--	--	--	4.3	.00
19...	--	--	--	--	22.9	27.2	--	--	--	--	--	--
21...	238	5	--	0	--	--	.03	.01	.10	1.4	.11	.03
21...	--	--	620	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	190	0	--	--	--	--	--	--	--	--	.17	.18
15...	150	0	--	--	--	--	.00	.00	.04	.92	.03	.04
JUNE												
12...	133	0	--	--	--	--	.03	.00	.09	.46	.04	.06
JULY												
21...	263	0	570	0	--	--	.00	.01	.16	.99	.17	.00
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
12...	266	0	--	--	--	--	--	--	--	--	.03	.06
20...	245	0	--	--	--	--	.00	.00	.06	1.22	.06	.06
SEP.												
07...	220	0	--	--	--	--	--	--	--	--	.00	.03
10...	--	--	--	--	--	--	--	--	--	--	--	--
18...	243	0	--	--	--	--	.00	.00	.01	.61	.01	.00
30...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA+MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)
OCT.												
06...	.03	.00	3.3	--	--	--	.00	.2	250	79	63	23
20...	.03	.00	3.1	--	--	--	--	.0	260	83	67	24
NOV.												
04...	.08	.02	3.2	--	--	--	.00	.0	270	83	67	24
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	.00	.01	--	--	--	--	.00	.0	280	83	71	25
JAN.												
05...	.01	.01	3.1	--	53	--	.00	.0	300	96	79	25
FEB.												
24...	.07	.00	--	--	--	--	--	--	290	96	70	28
MAR.												
03...	--	.01	--	--	--	--	--	--	--	--	--	--
30...	.27	.00	4.5	7.3	57	--	.00	.0	320	94	73	33
30...	--	.01	.00	--	--	--	--	--	--	--	--	--
APR.												
06...	--	.00	--	--	--	--	--	--	310	100	71	32
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.45	.01	--	4.0	--	.2	.00	.3	290	87	68	29
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	--	.06	--	4.2	--	--	--	--	210	59	53	20
15...	.66	.01	--	4.6	--	--	.00	--	170	43	39	16
JUNE												
12...	.08	.02	--	8.6	--	--	.00	--	140	33	37	12
JULY												
21...	.25	.00	--	5.0	--	3.7	.00	.0	310	95	76	29
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
12...	--	.01	--	--	--	--	--	--	340	120	81	34
20...	.05	.02	--	9.9	--	--	.00	--	310	110	73	31
SEP.												
07...	--	.01	--	--	--	--	--	--	310	130	65	36
10...	--	--	--	--	--	--	--	--	--	--	--	--
18...	.08	.00	--	2.9	--	--	.00	--	320	120	76	32
30...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)
OCT.												
06...	57	1.6	33	1.7	31	150	.3	11	1	<100	0	<3
20...	52	1.4	30	1.8	31	150	.3	11	2	--	--	--
NOV.												
04...	59	1.6	32	1.8	33	160	.3	12	1	0	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	67	1.7	34	1.7	36	170	.2	15	0	100	--	--
JAN.												
05...	60	1.5	30	2.2	39	160	.2	15	0	60	0	<10
FEB.												
24...	76	1.9	36	2.8	41	190	.3	13	--	--	--	--
MAR.												
03...	65	1.9	38	3.4	25	180	.2	8.6	--	--	--	--
30...	86	2.1	37	2.2	43	230	.3	12	0	0	10	--
30...	--	--	--	--	--	--	--	--	--	60	<3	<17
APR.												
06...	76	1.9	35	2.4	38	210	.3	12	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	79	2.0	37	2.2	34	220	.3	12	1	0	0	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	40	1.2	29	3.0	22	120	.3	11	--	--	--	--
15...	26	.9	23	1.8	13	81	.2	12	1	--	--	--
JUNE												
12...	21	.8	24	1.4	11	59	.2	12	0	--	--	--
JULY												
21...	61	1.5	30	3.8	35	180	.4	16	2	500	10	--
21...	--	--	--	--	--	--	--	--	--	90	<4	<15
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
12...	78	1.8	33	2.5	45	210	.3	15	--	--	--	--
20...	71	1.8	33	2.6	41	190	.3	9.3	--	--	--	--
SEP.												
07...	91	2.2	39	2.4	51	230	.3	9.3	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--
18...	73	1.8	33	2.8	42	220	.4	13	2	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)
OCT.												
06...	60	0	10	1	1	0	0	10	3	2	0	870
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	50	1	4	1	3	30	0	4	2	5	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	70	0	<10	0	3	30	0	0	3	3	--	--
JAN.												
05...	50	0	0	1	3	0	1	0	4	2	0	980
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	100	--	--	--	--	--	--	--	--	--	--	--
30...	60	0	0	--	2	10	1	0	3	4	--	1000
30...	120	0	<11	<11	20	870	37	20	140	<11	<2	1000
APR.												
06...	70	--	--	--	--	30	--	0	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	80	0	0	--	3	60	0	10	3	2	--	880
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	60	--	--	--	--	60	--	10	--	--	--	--
15...	30	--	--	--	--	10	--	0	--	--	--	480
JUNE												
12...	40	--	--	--	--	30	--	0	--	--	--	400
JULY												
21...	140	0	0	--	6	30	2	0	0	3	--	1000
21...	60	--	<10	<10	3	50	<10	<10	10	<10	<2	770
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
12...	90	--	--	--	--	--	--	--	--	--	--	--
20...	80	--	--	--	--	10	--	10	--	--	--	950
SEP.												
07...	90	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--
18...	80	--	--	--	--	10	--	0	--	--	--	1000
30...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) ~~(09511)~~
OCT.												
06...	2.1	10	<3	20	<2	<7	10	1	<2	<5	3.7	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	2.7	20	--	40	--	--	10	1	--	--	1.9	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	1.5	0	--	30	--	--	10	1	--	--	3.1	--
JAN.												
05...	1.4	0	<10	0	<5	<20	10	1	<6	<20	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
30...	1.5	10	--	10	--	--	20	--	--	--	--	--
30...	<11	60	<17	90	<6	<10	20	--	<3	<30	2.9	--
APR.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	1.8	0	--	20	--	--	0	2	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	<1.9	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
04...	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	40	--	--	--	--	--	--	--	--
JUNE												
18...	--	--	--	10	--	--	--	--	--	--	--	--
JULY												
21...	1.7	0	--	20	--	--	20	3	--	--	6.3	.15
21...	<10	--	<15	50	<5	<10	--	--	<10	<20	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	0	--	--	--	--	--	--	--	--
SEP.												
07...	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	10	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CESIUM 137 DIS-SOLVED (PC/L) (28403)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228)	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	POLY-CHLO-RINATED NAPH-THA-LENES (UG/L) (39250)	TOTAL ALDRIN (UG/L) (39330)	ALDRIN IN BOTTOM MA-TERIAL (UG/KG) (39333)	TOTAL LINDANE (UG/L) (39340)	LINDANE IN BOTTOM MA-TERIAL (UG/KG) (39343)
OCT.												
06...	<1.0	--	--	1.50	1.10	2	.0	--	.00	--	.00	--
20...	--	--	--	--	--	4	--	--	--	--	--	--
NOV.												
04...	--	--	--	.800	.500	1	--	--	--	--	--	--
28...	--	.000	.200	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	--	--	.900	.000	2	--	--	--	--	--	--
JAN.												
05...	<1.0	--	--	1.80	.400	3	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	3	--	--	--	--	--	--
MAR.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	3	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	.000	7.56	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	4	.0	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	.00	.00	.0	.00	.0
MAY												
04...	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	7	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	3	--	--	--	--	--	--
JULY												
21...	--	--	--	--	--	4	.0	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	5	--	--	--	--	--	--
SEP.												
07...	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	2	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--

Unpub[illegible] Records
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DATE	TOTAL CHLORDANE (UG/L) (39350)	CHLORDANE IN BOTTOM MATERIAL (UG/KG) (39351)	TOTAL DDD (UG/L) (39360)	DDD IN BOTTOM MATERIAL (UG/KG) (39363)	TOTAL DDE (UG/L) (39365)	DDE IN BOTTOM MATERIAL (UG/KG) (39368)	TOTAL DDT (UG/L) (39370)	DDT IN BOTTOM MATERIAL (UG/KG) (39373)	TOTAL DIELDRIN (UG/L) (39380)	DIELDRIN IN BOTTOM MATERIAL (UG/KG) (39383)	TOTAL ENDRIN (UG/L) (39390)	ENDRIN IN BOTTOM MATERIAL (UG/KG) (39393)
OCT.												
06...	.0	--	.00	--	.00	--	.00	--	.00	--	.00	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.0	0	.00	.0	.00	.0	.00	.0	.00	.0	.00	.0
MAY												
04...	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
07...	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL TOX-APHENE (UG/L) (39400)	TOX-APHENE IN BOTTOM MATERIAL (UG/KG) (39403)	TOTAL HEPTACHLOR (UG/L) (39410)	HEPTACHLOR IN BOTTOM MATERIAL (UG/KG) (39413)	TOTAL HEPTACHLOR EPOXIDE (UG/L) (39420)	HEPTACHLOR EPOXIDE IN BOTTOM MATERIAL (UG/KG) (39423)	TOTAL PCB (UG/L) (39516)	PCB IN BOTTOM MATERIAL (UG/KG) (39519)	TOTAL 2,4-D (UG/L) (39730)	2,4-D IN BOTTOM MATERIAL (UG/KG) (39731)	TOTAL 2,4,5-T (UG/L) (39740)	2,4,5-T IN BOTTOM MATERIAL (UG/KG) (39741)
OCT.												
06...	0	--	.00	--	.00	--	.0	--	.00	--	.00	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
04...	--	--	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	--	--	--	--	--	--	--	--	--	--	--
JAN.												
05...	--	--	--	--	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
03...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
06...	--	--	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	0	0	.00	.0	.00	.0	.0	0	.00	0	.00	0
MAY												
04...	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--	--	--
JUNE												
12...	--	--	--	--	--	--	--	--	--	--	--	--
JULY												
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
12...	--	--	--	--	--	--	--	--	--	--	--	--
20...	--	--	--	--	--	--	--	--	--	--	--	--
SEP.												
07...	--	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TOTAL SILVEX (UG/L) (39760)	SILVEX IN BOTTOM MATERIAL (UG/KG) (39761)	DIS-SOLVED SOLIDS (RESIDUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	BIOMASS CHLORO-PHYLL PERIPHYTON (UNITS) (70950)	CHLOR-A PERIPHYTON CHROMOSPECTROMETRIC (UG/L) (70955)	CHLOR-B PERIPHYTON CHROMOSPECTROMETRIC (UG/L) (70956)	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS-SOLVED NITRATE (NO3) (MG/L) (71851)	DIS-SOLVED NITRITE (NO2) (MG/L) (71856)
OCT.												
06...	.00	--	461	443	518	.63	--	--	--	.01	.00	.00
20...	--	--	456	441	542	.62	--	--	--	.01	.00	.00
NOV.												
04...	--	--	484	468	643	.66	--	--	--	.03	.09	.00
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	--	515	506	378	.70	--	--	--	.00	.66	.03
JAN.												
05...	--	--	533	506	317	.72	--	--	--	.05	1.1	.00
FEB.												
24...	--	--	566	540	420	.77	--	--	--	--	--	--
MAR.												
03...	--	--	--	447	1030	.61	--	--	--	--	--	--
30...	--	--	635	613	730	.86	--	--	--	.01	.40	.00
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
06...	--	--	--	584	863	.79	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	579	569	794	.79	--	--	--	.04	.44	.03
21...	--	--	--	--	--	--	--	--	--	--	--	--
21...	.00	0	--	--	--	--	--	--	--	--	--	--
MAY												
04...	--	--	--	364	906	.50	--	--	--	--	--	--
15...	--	--	280	267	--	.39	--	--	--	.00	1.0	.00
JUNE												
12...	--	--	212	220	--	.29	--	--	--	.04	.40	.00
JULY												
21...	--	--	558	533	--	.76	--	--	--	.00	.71	.03
21...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	0	1.0	.2	--	--	--
AUG.												
12...	--	--	--	597	616	.81	--	--	--	--	--	--
20...	--	--	561	543	--	.76	--	--	--	.00	.27	.00
SEP.												
07...	--	--	--	594	404	.81	--	--	--	--	--	--
10...	--	--	--	--	--	--	0	2.6	.5	--	--	--
18...	--	--	594	580	--	.81	--	--	--	.00	.04	.00
30...	--	--	--	--	--	--	18480	.0	.0	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	ELEV. OF LAND SURFACE DATUM (FT. ABOVE MSL) (72000)	DIS-SOLVED URANIUM (DIRECT FLUORO-METHIC) (PC/L) (80010)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.						
06...	.1	.0	4947	--	7.9	3.0
20...	.0	--	4947	--	--	--
NOV.						
04...	.1	.0	4947	--	<6.9	1.6
28...	--	--	4947	--	--	--
DEC.						
01...	.1	.0	4947	--	14	2.5
JAN.						
05...	.1	.1	4947	--	--	--
FEB.						
24...	.1	--	4947	--	--	--
MAR.						
03...	--	--	4947	--	--	--
30...	.2	.0	4947	--	--	--
30...	--	--	4947	--	17	2.3
APR.						
06...	--	--	4947	--	--	--
19...	--	--	4947	--	--	--
21...	.1	.0	4947	--	--	--
21...	--	--	4947	--	--	--
21...	--	--	4947	--	11	<1.6
MAY						
04...	--	--	4947	--	--	--
15...	--	--	4947	--	--	--
JUNE						
12...	--	--	4947	--	--	--
JULY						
21...	.1	.3	4947	.2	9.3	5.2
21...	--	--	4947	--	--	--
30...	--	--	4947	--	--	--
AUG.						
12...	--	--	4947	--	--	--
20...	--	--	4947	--	--	--
SEP.						
07...	--	--	4947	--	--	--
10...	--	--	4947	--	--	--
18...	--	--	4947	--	--	--
30...	--	--	4947	--	--	--

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DATE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)
OCT.												
08...	10.0	--	409	25	5	740	9.1	10	8.7	7.4	176	210
21...	6.9	--	430	10	--	710	--	2.1	--	--	178	217
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	.5	4.0	299	30	5	750	11.7	11	7.7	7.8	199	243
APR.												
19...	9.8	--	--	--	--	--	--	--	6.8	--	--	--
22...	12.3	--	503	170	20	830	7.8	25	7.8	8.2	201	239
22...	12.3	--	503	--	--	830	7.8	--	--	--	--	--
22...	12.3	--	503	--	--	830	7.8	--	--	--	--	--
MAY												
19...	15.0	--	--	310	40	370	--	--	7.0	23	116	141
JUNE												
16...	14.5	--	1063	65	20	475	--	--	6.8	43	138	168

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (PO4) (MG/L) (00660)	TOTAL PHOSPHORUS (P) (MG/L) (00665)
OCT.												
08...	2	480		--	--	.00	.00	.00	.44	.00	.00	.04
21...	0	--		--	--	.00	.00	.00	.25	.00	.00	.04
NOV.												
28...	--	--	--	--	.000	.000	--	--	--	--	--	--
DEC.												
01...	0	540	0	--	--	.00	.01	.20	1.1	.21	.06	.03
APR.												
19...	--	--	--	2.31	2.85	--	--	--	--	--	--	--
22...	3	--	0	--	--	.03	.00	.08	.72	.08	.00	.28
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	590	--	--	--	--	--	--	--	--	--	--
MAY												
19...	0	--	--	--	--	.03	.01	.28	.71	.29	.03	.49
JUNE												
16...	0	--	--	--	--	.00	.00	.06	.46	.06	.03	.10

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DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA+MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)
OCT.												
08...	.00	7.3	--	--	.00	.2	260	84	64	24	55	1.5
21...	.00	--	--	--	--	.0	260	84	67	24	52	1.4
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	.02	--	--	--	.00	.0	280	78	73	23	64	1.7
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
22...	.00	--	12	.5	.00	.0	300	100	71	30	78	2.0
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	.01	--	4.4	--	.00	--	150	32	39	12	19	.7
JUNE												
16...	.01	--	7.5	--	.00	--	200	58	50	17	30	.9

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DATE	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BISMUTH (BI) (UG/L) (01015)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)
OCT.												
08...	31	1.7	33	150	.3	11	1	<100	0	<3	70	0
21...	30	1.6	32	140	.2	11	1	<100	0	<3	70	0
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	33	1.7	32	160	.3	14	0	100	--	--	100	0
APR.												
14...	--	--	--	--	--	--	--	--	--	--	--	--
22...	36	2.2	35	220	.2	12	1	0	0	--	70	1
22...	--	--	--	--	--	--	--	50	<3	<10	60	1
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	22	1.4	11	63	.2	11	1	--	--	--	0	--
JUNE												
16...	25	1.6	16	88	.3	13	1	--	--	--	60	--

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DATE	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)
OCT.												
08...	10	0	2	0	0	10	4	2	0	820	2.0	10
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	<10	0	2	0	1	0	3	4	--	--	1.5	10
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
22...	10	--	3	20	1	10	3	3	--	900	1.9	0
22...	<10	<10	4	40	<10	10	7	<10	<1	700	<10	0
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	--	--	--	10	--	0	--	--	--	470	--	--
JUNE												
16...	--	--	--	40	--	0	--	--	--	750	--	--

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DATE	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL A MG/SQ M (32228)
OCT.												
08...	<3	10	<2	<7	10	1	<2	<5	8.3	<1.0	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	.000	.000
DEC.												
01...	--	20	--	--	10	1	--	--	4.7	--	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	.000	.979
22...	--	20	--	--	10	2	--	--	--	--	--	--
22...	<10	60	<5	<20	10	--	<6	<20	--	--	--	--
22...	--	--	--	--	--	--	--	--	3.9	--	--	--
MAY												
19...	--	10	--	--	--	--	--	--	--	--	--	--
JUNE												
16...	--	0	--	--	--	--	--	--	--	--	--	--

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DATE	CHLORO-PHYLL A (UG/L) (32230)	CHLORO-PHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLOR-DANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DI-ELDRIN (UG/L) (39380)	TOTAL ENDRIN (UG/L) (39390)
OCT.												
08...	8.80	15.0	2 2 6	.2	.00	.00	.0	.00	.00	.00	.00	.00
21...	--	--	3	--	--	--	--	--	--	--	--	--
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	1.20	.900	1	--	--	--	--	--	--	--	--	--
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	4	.0	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	--	--	0 2	--	--	--	--	--	--	--	--	--
JUNE												
16...	--	--	1	--	--	--	--	--	--	--	--	--

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DATE	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS-SOLVED AMMONIA (NH4) (MG/L) (71846)
OCT.												
08...	0	.00	.00	.0	.00	.00	.00	464	446	512	.63	.00
21...	--	--	--	--	--	--	--	459	434	533	.62	.00
NOV.												
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
01...	--	--	--	--	--	--	--	504	492	407	.69	.00
APR.												
19...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	590	571	801	.80	.04
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
19...	--	--	--	--	--	--	--	224	228	--	.30	.04
JUNE												
16...	--	--	--	--	--	--	--	330	300	947	.45	.00

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS_ SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_ SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS- SOLVED MERCURY (HG) (UG/L) (71890)	DIS- SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS- SOLVED GROSS BETA AS SR90 /Y90 (PC/L) (80050)
OCT.						
06...	.00	.03	.1	.0	5.3	6.6
21...	.00	.00	.0	--	--	--
NOV.						
26...	--	--	--	--	--	--
DEC.						
01...	.89	.03	.1	.2	9.1	3.9
APR.						
19...	--	--	--	--	--	--
22...	.35	.00	.1	.0	--	--
22...	--	--	--	--	--	--
22...	--	--	--	--	<6.6	3.1
MAY						
19...	1.2	.03	--	--	--	--
JUNE						
16...	.27	.00	--	--	--	--

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09306605 - SOUTHAM CAN WASH NR WATSON UT

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
FEB.										
12...	.0	.01	130	11.4	7.9	2.2	89	109	0	.45
13...	.0	.01	180	11.4	7.7	2.4	62	75	0	.54

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DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)
FEB.										
12...	.18	.06	77	0	28	1.6	15	.7	29	2.2
13...	.12	.04	42	0	15	1.0	13	.9	39	1.6

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DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00941)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
FEB.										
12...	2.2	12	.1	5.3	70	190	0	123	.00	.17
13...	1.5	7.5	.1	5.2	50	160	10	85	.00	.12

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)
FEB.												
12...	.0	.20	--	--	330	11.5	--	8.1	2.7	176	215	0
JUNE												
22...	17.2	--	1000	300	595	--	72	6.8	37	119	145	0
22...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)
FEB.												
12...	--	--	--	--	--	1.4	.28	--	.09	--	--	--
JUNE												
22...	0	.07	.03	2.4	6.7	2.4	.25	14	.08	12	.00	.0
22...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	HARDNESS (CA,MG) (MG/L) (00900)	NON-CARBONATE HARDNESS (MG/L) (00902)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	SODIUM ADSORPTION RATIO (00931)	PERCENT SODIUM (00932)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SILICA (SIO2) (MG/L) (00955)
FEB.												
12...	84	0	29	2.8	50	2.4	56	2.5	2.8	55	.2	7.3
JUNE												
22...	94	0	31	3.9	85	3.8	66	2.5	7.4	220	.4	8.7
22...	--	--	--	--	--	--	--	--	--	--	--	--

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DATE	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)
FEB.												
12...	--	--	--	100	--	--	--	290	--	10	--	--
JUNE												
22...	5	100	10	80	0	2	10	90	0	10	6	0
22...	--	--	--	--	--	--	--	--	--	--	--	--

Unpubli... Record
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UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
09306610 - SOUTHAM CAN WASH AT MOUTH NR WATSON UT

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)
FEB.												
12...	--	--	--	--	--	--	--	--	--	--	262	.14
JUNE												
22...	680	14	60	50	10	1	--	8	.1	420	442	--
22...	--	--	--	--	--	--	.17	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	DIS-SOLVED URANIUM (DIRECT FLUORO-METRIC) (PC/L) (80010)
FEB.							
12...	.36	--	--	--	--	--	--
JUNE							
22...	.57	.09	11	.10	.0	.0	--
22...	--	--	--	--	--	--	1.3

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

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DATE	DEPTH (FT) (00003)	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)
FEB.											
11...	--	.0	1.6	400	11.6	8.1	1.9	123	150	0	1.8
12...	.0	310	.15	--	12.0	7.8	3.7	121	147	0	1.0

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	HARD-NESS (CA,MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)	SODIUM AD-SORP-TION RATIO (00931)	PERCENT SODIUM (00932)	DIS-SOLVED PO-TAS-SIUM (K) (MG/L) (00935)
FEB.										
11...	.18	.06	51	0	16	2.7	59	3.6	69	4.5
12...	.28	.09	42	0	13	2.3	54	3.6	72	3.8

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED CHLO-RIDE (CL) (MG/L) (00940)	DIS-SOLVED SULFATE (SO4) (MG/L) (00945)	DIS-SOLVED FLUO-RIDE (F) (MG/L) (00950)	DIS-SOLVED SILICA (SIO2) (MG/L) (00955)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
FEB.										
11...	6.9	45	.2	5.3	230	180	10	222	.97	.30
12...	5.8	32	.2	5.5	150	300	10	194	.08	.26

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TEMPERATURE (DEG C) (00010)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)	CARBONATE (CO3) (MG/L) (00445)
FEB.												
11...	.0	.80	--	--	320	12.0	--	8.0	3.2	167	203	0
JUNE												
22...	10.2	--	1000	300	938	--	85	6.8	12	39	47	0
22...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	OIL AND GREASE (MG/L) (00550)	DIS-SOLVED AMMONIA NITRO-GEN (N) (MG/L) (00608)	DIS-SOLVED NITRITE (N) (MG/L) (00613)	DIS-SOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJEL-DAHL NITRO-GEN (N) (MG/L) (00625)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DIS-SOLVED ORTHO PHOS-PHATE (PO4) (MG/L) (00660)	TOTAL PHOS-PHORUS (P) (MG/L) (00665)	DIS-SOLVED ORTHO, PHOS-PHORUS (P) (MG/L) (00671)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)
FEB.												
11...	--	--	--	--	--	I.8	.31	--	.10	--	--	--
JUNE												
22...	0	.09	.02	2.1	37	2.1	.12	40	.04	13	.01	.0
22...	--	--	--	--	--	--	--	--	--	--	--	--

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	HARDNESS (CA,MG) (MG/L) (00900)	NON-CARBONATE HARDNESS (MG/L) (00902)	DISSOLVED CALCIUM (CA) (MG/L) (00915)	DISSOLVED MAGNESIUM (MG) (MG/L) (00925)	DISSOLVED SODIUM (NA) (MG/L) (00930)	SODIUM ADSORPTION RATIO (00931)	PERCENT SODIUM (00932)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SILICA (SIO2) (MG/L) (00955)
FEB.												
11...	110	0	23	13	67	2.8	56	4.2	7.5	77	.2	4.8
JUNE												
22...	170	130	58	6.0	130	4.3	62	2.9	12	380	.3	4.4
22...	--	--	--	--	--	--	--	--	--	--	--	--

WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED ARSENIC (AS) (UG/L) (01000)	DIS-SOLVED BARIUM (BA) (UG/L) (01005)	DIS-SOLVED BERYL-LIUM (BE) (UG/L) (01010)	DIS-SOLVED BORON (B) (UG/L) (01020)	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)
FEB.												
11...	--	--	--	250	--	--	--	360	--	10	--	--
JUNE												
22...	2	200	20	50	0	0	8	140	0	10	6	0
22...	--	--	--	--	--	--	--	--	--	--	--	--

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED RA-226 (RADON METHOD) (PC/L) (09511)	PHENOLS (UG/L) (32730)	METHY-LENE BLUE ACTIVE SUB-STANCE (MG/L) (38260)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)
FEB.												
11...	--	--	--	--	--	--	--	--	--	--	306	.66
JUNE												
22...	1100	8.3	40	160	10	2	--	1	.1	650	628	--
22...	--	--	--	--	--	--	.29	--	--	--	--	--

Unpublished Records
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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	DIS-SOLVED URANIUM (DIRECT FLUORO-METRIC) (PC/L) (80010)
FEB.							
11...	.42	--	--	--	--	--	--
JUNE							
22...	.88	.12	9.2	.07	.1	.0	--
22...	--	--	--	--	--	--	2.0

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	TEMPERATURE (DEG C) (00010)	AIR TEMPERATURE (DEG C) (00020)	INSTANTANEOUS DISCHARGE (CFS) (00061)	TURBIDITY (JTU) (00070)	COLOR (PLATINUM-COBALT UNITS) (00080)	SPECIFIC CONDUCTANCE (MICROMHOS) (00095)	DISSOLVED OXYGEN (MG/L) (00300)	CHEMICAL OXYGEN DEMAND (HIGH LEVEL) (MG/L) (00340)	PH (UNITS) (00400)	CARBON DIOXIDE (CO2) (MG/L) (00405)	ALKALINITY AS CACO3 (MG/L) (00410)	BICARBONATE (HCO3) (MG/L) (00440)
OCT.												
09...	9.3	--	437	20	1	750	9.4	15	8.1	2.7	176	215
21...	6.9	--	430	10	--	704	--	--	--	--	178	217
NOV.			500									
03...	6.1	--	500	150	200	750	9.2	15	8.4	1.5	196	239
24...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	.5	5.0	331	30	5	725	11.9	13	7.8	6.0	193	235
JAN.												
07...	-.5	--	--	15	5	825	11.3	1	8.0	4.2	216	263
FEB.												
24...	.0	--	263	6	--	860	11.7	19	8.0	3.7	192	234
MAR.												
30...	4.5	--	426	--	--	970	7.8	--	8.0	4.3	221	269
30...	4.5	--	426	--	--	970	7.8	--	8.0	4.4	221	269
APR.												
22...	10.7	--	500	260	15	810	7.3	25	--	--	204	234
22...	10.7	--	500	--	--	810	7.3	--	9.4	--	--	--
22...	10.7	--	500	--	--	810	7.3	--	9.4	--	--	--
MAY												
14...	17.1	--	--	400	34	440	--	--	8.1	1.9	122	149
JUNE												
15...	15.7	--	--	65	20	440	--	--	7.2	8.1	161	155
JULY												
22...	23.6	--	390	200	30	899	--	14	7.7	8.6	221	270
22...	23.6	--	390	--	--	675	--	--	7.7	--	--	--
22...	23.6	--	--	--	--	675	--	--	7.7	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
21...	20.2	--	--	60	15	800	--	--	7.6	9.5	194	236
SEP.												
18...	15.1	--	--	230	7	870	--	--	8.2	2.7	217	264

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WATER QUALITY DATA, WATER YEAR OCTOBER 1975 TO SEPTEMBER 1976

DATE	CARBONATE (CO3) (MG/L) (00445)	TOTAL FILTRABLE RESIDUE (MG/L) (00515)	OIL AND GREASE (MG/L) (00550)	PERIPHYTON BIOMASS ASH WEIGHT G/SQ M (00572)	PERIPHYTON BIOMASS TOTAL DRY WEIGHT G/SQ M (00573)	DISSOLVED AMMONIA NITROGEN (N) (MG/L) (00608)	DISSOLVED NITRITE (N) (MG/L) (00613)	DISSOLVED NITRATE (N) (MG/L) (00618)	TOTAL KJELDAHL NITROGEN (N) (MG/L) (00625)	DISSOLVED NITRITE PLUS NITRATE (N) (MG/L) (00631)	DISSOLVED ORTHO PHOSPHATE (P04) (MG/L) (00660)	TOTAL PHOSPHORUS (P) (MG/L) (00665)
OCT.												
09...	0	480	0	--	--	.00	.00	.00	.28	.00	.00	.07
21...	0	--	0	--	--	.01	.00	.05	.24	.05	.00	.08
NOV.												
03...	0	520	0	--	--	.03	.01	.02	1.1	.03	.00	.10
28...	--	--	--	24.0	24.0	--	--	--	--	--	--	--
DEC.												
02...	0	1900	0	--	--	.04	.01	.14	.48	.15	.03	.00
JAN.												
07...	0	--	0	--	--	.05	.00	.27	.49	.27	.09	.03
FEB.												
24...	0	--	0	--	--	--	.01	.38	.55	.39	.06	.09
MAR.												
30...	0	--	0	--	--	.02	.01	.07	.76	.08	.03	.34
30...	--	700	--	--	--	--	--	--	--	--	--	--
APR.												
22...	7	--	0	--	--	.03	.01	.10	1.1	.11	.00	.34
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	610	--	--	--	--	--	--	--	--	--	--
MAY												
14...	0	--	--	--	--	.01	.00	.29	3.3	29	.03	.54
JUNE												
15...	0	--	--	--	--	.03	.00	.04	.32	.04	.06	.08
JULY												
22...	0	--	0	--	--	.05	.00	.11	1.1	.11	.03	.31
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	580	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
21...	0	--	--	--	--	.00	.00	.01	.33	.01	.00	.10
SEP.												
18...	0	--	--	--	--	.00	.00	.01	1.1	.01	.00	.26

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DATE	DIS-SOLVED ORTHO. PHOS-PHORUS (P) (MG/L) (00671)	TOTAL ORGANIC CARBON (C) (MG/L) (00680)	DIS-SOL-VED ORGANIC CARBON (C) (MG/L) (00681)	TOTAL IN-ORGANIC CARBON (C) (MG/L) (00685)	SUS-PENDED ORGANIC CARBON (C) (MG/L) (00689)	CYANIDE (CN) (MG/L) (00720)	DIS-SOL-VED SUL-FIDE (S) (MG/L) (00746)	HARD-NESS (CA+MG) (MG/L) (00900)	NON-CAR-BONATE HARD-NESS (MG/L) (00902)	DIS-SOLVED CAL-CIUM (CA) (MG/L) (00915)	DIS-SOLVED MAG-NE-SIUM (MG) (MG/L) (00925)	DIS-SOLVED SODIUM (NA) (MG/L) (00930)
OCT.												
09...	.00	6.0	--	--	--	.00	.2	250	77	63	23	57
21...	.00	--	--	--	--	--	.0	260	84	67	23	56
NOV.												
03...	.00	--	--	--	--	.00	.1	280	79	69	25	66
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	.01	--	--	--	--	.00	.0	270	81	70	24	66
JAN.												
07...	.03	2.8	--	57	--	.00	.1	310	95	81	26	62
FEB.												
24...	.02	--	--	--	--	--	.3	290	100	69	29	66
MAR.												
30...	.01	4.6	4.6	--	--	.00	.0	340	110	76	35	89
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
22...	.00	--	3.0	--	.4	.00	--	300	93	69	30	78
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
14...	.01	--	5.5	--	--	.00	--	170	45	42	15	26
JUNE												
13...	.02	--	5.6	--	--	.00	--	170	46	46	14	26
JULY												
22...	.01	--	13	5.0	.00	.0	330	110	81	31	34	
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
21...	.00	--	4.5	--	--	.00	--	300	110	70	31	71
SEP.												
18...	.00	--	4.4	--	--	.00	--	320	110	74	33	75

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DATE	SODIUM ADSORPTION RATIO (00931)	PERCENT SODIUM (00932)	DISSOLVED POTASSIUM (K) (MG/L) (00935)	DISSOLVED CHLORIDE (CL) (MG/L) (00940)	DISSOLVED SULFATE (SO4) (MG/L) (00945)	DISSOLVED FLUORIDE (F) (MG/L) (00950)	DISSOLVED SILICA (SIO2) (MG/L) (00955)	DISSOLVED ARSENIC (AS) (UG/L) (01000)	DISSOLVED BARIUM (BA) (UG/L) (01005)	DISSOLVED BERYLLIUM (BE) (UG/L) (01010)	DISSOLVED BISMUTH (BI) (UG/L) (01015)	DISSOLVED BORON (B) (UG/L) (01020)
OCT.												
09...	1.6	33	1.6	33	150	.3	10	1	<100	0	<3	70
21...	1.5	32	1.6	32	160	.2	11	--	--	--	--	--
NOV.												
03...	1.7	34	2.0	35	180	.3	12	1	0	--	--	80
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	1.7	34	1.7	34	160	.2	14	1	100	--	--	70
JAN.												
07...	1.5	30	2.3	43	180	.3	15	0	70	0	<10	80
FEB.												
24...	1.7	33	3.8	39	180	.3	13	--	--	--	--	--
MAR.												
30...	2.1	37	2.4	45	240	.3	13	0	0	0	--	70
30...	--	--	--	--	--	--	--	--	60	<3	<17	60
APR.												
22...	2.0	36	2.2	35	210	.2	12	1	100	0	--	70
22...	--	--	--	--	--	--	--	--	60	<3	<10	70
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
14...	.9	25	1.5	13	77	.2	12	1	--	--	--	20
JUNE												
15...	.9	25	1.4	15	77	.4	13	0	--	--	--	60
JULY												
22...	.8	18	5.0	34	190	1.0	17	3	0	20	--	120
22...	--	--	--	--	--	--	--	--	60	<15	50	--
22...	--	--	5.2	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
21...	1.8	34	2.2	41	190	.4	13	0	--	--	--	70
SEP.												
18...	1.8	33	2.9	44	220	.4	12	1	--	--	--	90

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DATE	DIS-SOLVED CAD-MIUM (CD) (UG/L) (01025)	DIS-SOLVED CHRO-MIUM (CR) (UG/L) (01030)	DIS-SOLVED COBALT (CO) (UG/L) (01035)	DIS-SOLVED COPPER (CU) (UG/L) (01040)	DIS-SOLVED IRON (FE) (UG/L) (01046)	DIS-SOLVED LEAD (PB) (UG/L) (01049)	DIS-SOLVED MAN-GANESE (MN) (UG/L) (01056)	DIS-SOLVED MOLYB-DENUM (MO) (UG/L) (01060)	DIS-SOLVED NICKEL (NI) (UG/L) (01065)	DIS-SOLVED SILVER (AG) (UG/L) (01075)	DIS-SOLVED STRON-TIUM (SR) (UG/L) (01080)	DIS-SOLVED VANA-DIUM (V) (UG/L) (01085)
OCT.												
09...	1	10	0	3	0	0	10	3	0	0	780	2.1
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
03...	0	0	0	13	30	0	4	2	4	--	--	2.6
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	0	<10	1	2	0	0	0	3	3	--	--	1.4
JAN.												
07...	0	0	0	2	30	1	10	5	2	0	1000	1.5
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	0	0	--	6	40	1	10	4	2	--	1000	1.6
30...	0	<11	<11	6	40	<11	<10	150	<11	<2	1000	<11
APR.												
22...	1	10	--	2	20	0	0	1	2	--	860	2.0
22...	1	<10	<10	4	40	<10	<10	6	<10	<1	720	<10
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
14...	--	--	--	--	20	--	0	--	--	--	460	--
JUNE												
15...	--	--	--	--	10	--	0	--	--	--	560	--
JULY												
22...	0	0	--	6	20	2	0	0	3	--	870	2.9
22...	--	<10	<10	<3	30	<10	<10	10	<10	<2	660	<10
22...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
21...	--	--	--	--	10	--	0	--	--	--	970	--
SEP.												
18...	--	--	--	--	20	--	0	--	--	--	1000	--

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DATE	DIS-SOLVED ZINC (ZN) (UG/L) (01090)	DIS-SOLVED TIN (SN) (UG/L) (01100)	DIS-SOLVED ALUM-INUM (AL) (UG/L) (01106)	DIS-SOLVED GALLIUM (GA) (UG/L) (01120)	DIS-SOLVED GER-MANIUM (GE) (UG/L) (01125)	DIS-SOLVED LITHIUM (LI) (UG/L) (01130)	DIS-SOLVED SELE-NIUM (SE) (UG/L) (01145)	DIS-SOLVED TI-TANIUM (TI) (UG/L) (01150)	DIS-SOLVED ZIR-CONIUM (ZR) (UG/L) (01160)	DIS-SOLVED GROSS BETA AS CS-137 (PC/L) (03515)	CESIUM 137 DIS-SOLVED (PC/L) (28403)	UNCOR-RECTED PERI-PHYTON CHLORO-PHYLL B MG/SQ M (32226)
OCT.												
09...	10	<3	0	<2	<7	10	1	<2	<5	3.2	<1.0	--
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
03...	10	--	20	--	--	8	1	--	--	2.9	--	--
28...	--	--	--	--	--	--	--	--	--	--	--	.000
DEC.												
02...	10	--	30	--	--	8	1	--	--	4.1	--	--
JAN.												
07...	10	<10	10	<5	<20	10	1	<7	<20	--	<1.0	--
FEB.												
24...	--	--	--	--	--	--	--	--	--	--	--	--
MAR.												
30...	10	--	40	--	--	20	1	--	--	--	--	--
30...	30	<17	40	<6	<10	20	--	<3	<30	<2.4	--	--
APR.												
22...	0	--	10	--	--	20	1	--	--	--	--	--
22...	0	<10	50	<5	<20	10	--	<6	<20	--	--	--
22...	--	--	--	--	--	--	--	--	--	13	--	--
MAY												
14...	--	--	70	--	--	--	--	--	--	--	--	--
JUNE												
15...	--	--	20	--	--	--	--	--	--	--	--	--
JULY												
22...	0	--	20	--	--	20	3	--	--	--	--	--
22...	--	<15	20	<5	<10	--	--	<10	<20	--	--	--
22...	--	--	--	--	--	--	--	--	--	8.1	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
21...	--	--	20	--	--	--	--	--	--	--	--	--
SEP.												
18...	--	--	10	--	--	--	--	--	--	--	--	--

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DATE	UNCORRECTED PERIPHYTON CHLOROPHYLL A MG/SQ M (32228)	CHLOROPHYLL A (UG/L) (32230)	CHLOROPHYLL B (UG/L) (32231)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	TOTAL ALDRIN (UG/L) (39330)	TOTAL LINDANE (UG/L) (39340)	TOTAL CHLORDANE (UG/L) (39350)	TOTAL DDD (UG/L) (39360)	TOTAL DDE (UG/L) (39365)	TOTAL DDT (UG/L) (39370)	TOTAL DIELDRIN (UG/L) (39380)
OCT.												
09...	--	1.60	1.80	0	.0	.00	.00	.0	.00	.00	.00	.00
21...	--	--	--	--	--	--	--	--	--	--	--	--
NOV.												
03...	--	5.10	2.10	--	--	--	--	--	--	--	--	--
28...	.700	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	--	.500	.000	0	--	--	--	--	--	--	--	--
JAN.												
07...	--	2.50	.000	2	--	--	--	--	--	--	--	--
FEB.												
24...	--	--	--	2	--	--	--	--	--	--	--	--
MAR.												
30...	--	--	--	6	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
22...	--	--	--	2	.0	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
14...	--	--	--	2	--	--	--	--	--	--	--	--
JUNE												
15...	--	--	--	1	--	--	--	--	--	--	--	--
JULY												
22...	--	--	--	6	.0	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
21...	--	--	--	5	--	--	--	--	--	--	--	--
SEP.												
18...	--	--	--	2	--	--	--	--	--	--	--	--

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DATE	TOTAL ENDRIN (UG/L) (39390)	TOTAL TOX-APHENE (UG/L) (39400)	TOTAL HEPTA-CHLOR (UG/L) (39410)	TOTAL HEPTA-CHLOR EPOXIDE (UG/L) (39420)	TOTAL PCB (UG/L) (39516)	TOTAL 2,4-D (UG/L) (39730)	TOTAL 2,4,5-T (UG/L) (39740)	TOTAL SILVEX (UG/L) (39760)	DIS-SOLVED SOLIDS (RESI-DUE AT 180 C) (MG/L) (70300)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L) (70301)	DIS-SOLVED SOLIDS (TONS PER DAY) (70302)	DIS-SOLVED SOLIDS (TONS PER AC-FT) (70303)
OCT.												
09...	.00	0	.00	.00	.0	.00	.00	.00	467	445	551	.64
21...	--	--	--	--	--	--	--	--	467	458	542	.64
NOV.												
03...	--	--	--	--	--	--	--	--	509	508	687	.69
28...	--	--	--	--	--	--	--	--	--	--	--	--
DEC.												
02...	--	--	--	--	--	--	--	--	498	487	445	.68
JAN.												
07...	--	--	--	--	--	--	--	--	559	542	--	.76
FEB.												
24...	--	--	--	--	--	--	--	--	517	518	367	.70
MAR.												
30...	--	--	--	--	--	--	--	--	653	635	751	.89
30...	--	--	--	--	--	--	--	--	--	--	--	--
APR.												
22...	--	--	--	--	--	--	--	--	581	560	784	.79
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
MAY												
14...	--	--	--	--	--	--	--	--	282	262	--	.38
JUNE												
15...	--	--	--	--	--	--	--	--	282	270	--	.38
JULY												
22...	--	--	--	--	--	--	--	--	606	528	658	.82
22...	--	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--	--
AUG.												
21...	--	--	--	--	--	--	--	--	520	536	--	.71
SEP.												
18...	--	--	--	--	--	--	--	--	567	593	--	.77

E. W. D. HUFFMAN, SR., PH.D.
PRESIDENT

ESTABLISHED 1936

E. W. D. HUFFMAN, JR., PH.D.
VICE-PRESIDENT

HUFFMAN LABORATORIES, INC.
3830 HIGH COURT, P. O. BOX 350
WHEAT RIDGE, COLORADO 80033
TELEPHONE 424-3232 (AREA CODE 303)

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DEC 27 1976

D. Skinner
VTN Colorado, Inc.
Parker Place Four
7600 South Parker Road
Denver, Colo. 80232

Dec. 23rd, 1976

Huffman Lab. No. 92376
P.O. No. LAB-1517-A-116-A

SIX FOLD DISSOLVED ORGANIC CARBON

FRACTIONATION RESULTS

Sample	S-1	S-2	S-6	S-11
Conductivity (micromhos)	750	3900	5000	815
pH	6.8	7.5	7.4	6.8
Dissolved organic carbon (ppm C)	1.9	10.4	17.5	2.0
Hydrophobics Total (ppmC)	0.7 (37)	5.0 (48)	7.7 (44)	0.8 (40)
bases	<0.1	<0.1	<0.1	0.1 (5)
acids	0.5 (26)	3.1 (30)	5.9 (34)	0.6 (30)
neutrals	0.2 (11)	1.9 (18)	1.8 (10)	0.1 (5)
Hydrophilics Total (ppmC)	1.2 (63)	5.4 (52)	9.8 (56)	1.2 (60)
bases	0.3 (16)	0.5 (5)	1.0 (6)	0.3 (15)
acids	0.8 (42)	3.9 (37)	7.3 (42)	0.7 (35)
neutrals	0.1 (5)	1.0 (10)	1.5 (9)	0.2 (10)

The numbers in parentheses are the percent of the total DOC in that fraction.

Conductivity and pH values are those which were received with the samples.

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DATE	BIOMASS CHLORO-PHYLL RATIO PERI-PHYTON (UNITS) (70950)	CHLOR-A PERI-PHYTON CHROMO-SPECT-METRIC (UG/L) (70955)	CHLOR-B PERI-PHYTON CHROMO-SPECT-METRIC (UG/L) (70956)	DIS_SOLVED AMMONIA (NH4) (MG/L) (71846)	DIS_SOLVED NITRATE (NO3) (MG/L) (71851)	DIS_SOLVED NITRITE (NO2) (MG/L) (71856)	BROMIDE (BR) (MG/L) (71870)	DIS-SOLVED MERCURY (HG) (UG/L) (71890)	DIS-SOLVED GROSS ALPHA AS U-NAT. (UG/L) (80030)	DIS-SOLVED GROSS BETA AS SR90 /YY0 (PC/L) (80050)
OCT.										
09...	--	--	--	.00	.00	.00	.1	.0	5.3	25
21...	--	--	--	.01	.22	.00	.0	--	--	--
NOV.										
03...	--	--	--	.04	.09	.03	.1	.0	<5.6	2.3
28...	--	--	--	--	--	--	--	--	--	--
DEC.										
02...	--	--	--	.05	.62	.03	.1	.0	11	3.3
JAN.										
07...	--	--	--	.06	1.2	.00	.1	.1	--	--
FEB.										
24...	--	--	--	--	1.7	.03	.1	--	--	--
MAR.										
30...	--	--	--	.03	.31	.03	.2	.0	--	--
30...	--	--	--	--	--	--	--	--	11	<1.9
APR.										
22...	--	--	--	.04	.44	.03	.1	.0	--	--
22...	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	<7.6	10
14...	--	--	--	.01	1.3	.00	--	--	--	--
JUNE										
15...	--	--	--	.04	.18	.00	--	--	--	--
JULY										
22...	--	--	--	.06	.49	.00	.1	.4	--	--
22...	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	<5.7	6.7
30...	73840	.6	.3	--	--	--	--	--	--	--
AUG.										
21...	--	--	--	.00	.04	.00	--	--	--	--
SEP.										
18...	--	--	--	.00	.04	.00	--	--	--	--

J Henton

D. Skinner
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Parker Place Four
2600 South Parker Road
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APR - 1977
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SIX FOLD DISSOLVED ORGANIC CARBON

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Hydrophobics Total (ppmC)	0.7 (37)	5.0 (48)	7.7 (44)	0.8 (40)
bases	<0.1	<0.1	<0.1	0.1 (5)
acids	0.5 (26)	3.1 (30)	5.9 (34)	0.6 (30)
neutrals	0.2 (11)	1.9 (18)	1.8 (10)	0.1 (5)
Hydrophilics Total (ppmC)	1.2 (63)	5.4 (52)	9.8 (56)	1.2 (60)
bases	0.3 (16)	0.5 (5)	1.0 (6)	0.3 (15)
acids	0.8 (42)	3.9 (37)	7.3 (42)	0.7 (35)
neutrals	0.1 (5)	1.0 (10)	1.5 (9)	0.2 (10)

The numbers in parentheses are the percent of the total DOC in that fraction.

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